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Title word cross-reference

\$100.00 [Mau04]. **\$105.00** [Eis02]. **\$110.00** [Mit02]. **\$113** [Hea03]. **\$12.00**
[Lan08]. **\$124.95** [Par10a]. **\$125** [Lup03]. **\$16.95** [Ell02, Man02]. **\$173.00**
[Nor03]. **\$176** [Roh96]. **\$18.95** [Pip02]. **\$189** [Tan09]. **\$19.95** [Rue00]. 2
[Bai00]. **\$24.00** [Rov02]. **\$24.95** [Hum02]. **\$25.00** [Rom08]. **\$25.95**
[Kra15, Sme03]. **\$26.00** [BM02]. **\$26.95** [Gor02]. **\$27.95** [Amb04]. **\$29.00**
[vL05]. **\$30.00** [Wüt07]. **\$32** [Weg08]. **\$34.99** [Cha02]. **\$35** [Hau08, Lan02].
\$35.00 [Dic02a, Esf07, vH07, Bal98]. **\$36.00** [Mau04]. **\$38.00** [Mar10]. 4
[Cal15]. **\$40** [Gro07]. **\$41.50** [Tor02]. **\$42.95** [Sme05]. **\$48** [Sup04]. **\$48.00**
[Val02]. **\$49.95** [Den96]. **\$50** [Pea05]. **\$50.00** [Mul04a]. **\$51** [Smi02]. **\$54.95**
[vL03]. **\$55** [She04]. **\$55.00** [Hät05]. **\$59.95** [Bro07, Pec04]. **\$60.00**
[Ano02b, Sie05, dC02]. **\$65** [Emc04]. **\$65.00** [Deb03, NP12, Rue00]. **\$66.95**
[Emc02]. **\$69** [Mei05]. **\$69.95** [Pla02]. 7/16 [Pit12]. **\$70.00** [Tel02]. **\$79.95**

[Bro02a]. **\$88** [Tor03]. **\$92** [Dor03]. **\$95** [Omn03]. **\$98** [Fra04]. **\$99** [Cal04, Per08a]. **\$99.00** [Wei09]. ₂ [Hag07]. β [Gau14]. $c = \hbar = G = 1$ [Les14]. \mathcal{H} [BMU09]. \diamond [Sav15]. $E = Mc^2$ [Mer11, Oha09, Oha12, Flo98]. ϵ [Bel13]. g [LZ99]. H [Kas14a]. \heartsuit [Sav15]. n [Kro08]. \neq [Hug17]. Ω^- [Gin16]. Ψ [EGT16, Gao15, Kai98]. T [Ash15a, Rob15b]. U [Lyr04]. x [Mau04].

-2 [LZ99]. **-Component** [Bai00]. **-congruence** [Bel13]. **-epistemic** [EGT16]. **-Huygens** [Wea18]. **-ontology** [Gao15]. **-question** [Les14]. **-state** [Kro08]. **-theorem** [BMU09, Kas14a]. **-violation** [Rob15b].

/Newton [Wea18].

0 [Amb04, Ano02b, BM02, Cal04, Cha02, Cor02, Dic02a, Dor03, Eis02, Ell02, Emc02, Emc04, Gie11, Gor02, Hal02, Har02a, Hau08, Hea03, Hol02, Hum02, Kra02a, Lup03, Man02, Mas07, Mei05, Mit02, Nor03, Omn03, Pec04, Pip02, Pla02, Pul08, Roh96, She04, Sme03, Smi02, Str04, Sup04, Tor02, Tor03, Val02, Ver02, Weg08, d'E01, dC02, vL03]. **0-19-514592-5** [Ell02].

0-19-517717-7 [Sie05]. **0-19-726207-4** [Ano02b]. **0-19-850059-9** [Val02]. **0-19-850088-2** [Eis02]. **0-19-850154-4** [dC02]. **0-19-850594-9** [Har02a]. **0-19-850614-7** [Kra02a]. **0-19-856479-1** [Str04]. **0-19-856843-6** [Kra06a]. **0-19-925157-6** [Man02]. **0-19-927824-5** [Mas07]. **0-226-02420-2** [Mac07]. **0-226-04181-6** [Dic02a]. **0-226-04561-7** [vH07]. **0-226-42266-6** [Wüt07]. **0-226-87375-7** [vL05]. **0-309-08408-3** [Amb04]. **0-387-98318-X** [Emc02]. **0-387-98520-4** [dCK05]. **0-393-02022-3** [Sme03]. **0-415-06588-7** [Dic96]. **0-415-22322-9** [BM02]. **0-415-93858-9** [Mei05]. **0-444-51464-3** [Mor05]. **0-521-35404-8** [Dic96]. **0-521-46111-1** [Den96]. **0-521-47249-0** [Cor02]. **0-521-48543-6** [Dic96]. **0-521-48717-0** [Cor02]. **0-521-56259-7** [Tel02]. **0-521-56571-5** [Tel02]. **0-521-62128-3** [vL03]. **0-521-62361-8** [Ver02]. **0-521-63152-1** [Mit02]. **0-521-65108-5** [Pla02]. **0-521-65216-2** [Deb03]. **0-521-65571-4** [Hum02]. **0-521-66025-4** [Hol02]. **0-521-66280-X** [Mau04]. **0-521-66445-4** [Mau04]. **0-521-78049-7** [Hau02]. **0-521-80349-7** [Omn03]. **0-521-82137-1** [Wüt05]. **0-521-82619-5** [Vot08]. **0-521-83194-6** [Pea05]. **0-691-00699-7** [Gor02]. **0-691-01017-X** [Tor02]. **0-691-01724-7** [Rue00]. **0-691-01725-5** [Rue00]. **0-691-02623-8** [Bal98]. **0-691-03327-7** [Bro96]. **0-691-03685-3** [Bro96]. **0-691-05832-6** [Emc04]. **0-691-07408-9** [Roh96]. **0-691-09552-3** [Pip02]. **0-691-12139-7** [Ved05]. **0-7503-0657-2** [Cha02]. **0-7503-0759-5** [She04]. **0-7546-3994-0** [Rob06]. **0-7923-3794-8** [Lan02]. **0-7923-5207-6** [d'E01]. **0-7923-5696-9** [Hal02]. **0-7923-6094-X** [Nor03]. **0-7923-6668-9** [Dor03]. **0-7923-6812-6** [Lup03]. **0-7923-6933-5** [Tor03]. **0-7923-7003-1** [Hea03]. **0-8047-2824-0** [Smi02]. **0-8126-9506-2** [Sme05]. **0-8176-4263-3** [Pec04]. **0-8229-4376-X** [Gie11]. **0-8232-2319-1** [Hät05]. **0-907845-21-5** [Sup04]. **0-9672617-2-4** [Lan08]. **0-9672617-3-2** [Bro06].

1 [Gro07, Hea03, JNR⁺07, Mit02, Rom08, Str04]. **1-4020-2777-X** [Bek06].

1-57586-333-2 [Mul04a]. **1-57586-489-4** [Rom08]. **1-57586-490-8** [Rom08].
11-11-2008 [UDvLS08]. **125** [Wil15]. **15-01-1982** [UDvLS08]. **1915** [Wei18].
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2 [Cha02, Eis02, JRN⁺07, Lar08b, LR03]. **2003** [Ano03g]. **2007** [Ano07e].
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3 [Amb04, Bro02a, Cal04, Duw03a, Kra15, Lav12, Par10a, Pec04, Pip02,
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 [Heu14]. **45** [Sus15].

5 [Ell02, Fre14, Mas07, NP12, Per08a, Pla02, She04, Sup04, Tor03].

6 [Dic02a, Emc04, Lup03, Man02, Ric10, d'E01].

7 [Gor02, Heu14, Kra02a, Omn03, Wal09a, War12].

8 [Bro02a, Ver02]. **87** [Gro07]. **87-7838-848-1** [Gro07].

9 [BM02, Dor03, Esf07, Hal02, Har02a, Mei05, Roh96, Val02]. **978**
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978-0-19-927819-0 [Hau08]. **978-0-19-955770-7** [War12].
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978-1-4020-3999-7 [Wal09a]. **978-1-4020-5253-8** [Tan09].
978-1-61233-634-3 [Kra15]. **978-3-540-32663-2** [Lar08b].
978-3-540-35773-5 [Lan09a]. **978-3-540-74232-6** [Ric10]. **981-02-3399-X**
 [Del01]. **981-238-182-1** [Fra04].

A. [Bro07]. **Aaserud** [Bro02a]. **abolished** [Blu17]. **Above** [Toa18].
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[Che99]. **abstract** [UU07]. **abstraction** [Fri20]. **Academic** [Clo00, Dor03, Lup03, Nor03, Sup04, Tor03, d'E01]. **acausal** [SCS08]. **accommodate** [Fei14]. **according** [Cro13, OS14]. **Account** [Dic96, Fre09b, Hol95, BFL12a, Fal07, FL97, Hol93, MV19, Pet15]. **accounts** [Fri13a, Str11]. **Acoustics** [Ste98]. **across** [Afr09]. **acting** [Hok08]. **Action** [Ber98a, Kas99, Mai98, Che20, Hoe14, Pie10, Stö03, Ter18]. **Action-at-a-Distance** [Ber98a, Hoe14, Pie10]. **activities** [BBD17]. **actualism** [Con18]. **added** [Con12]. **Addendum** [Mul99]. **Addition** [MG01]. **adiabatic** [DP16]. **Adler** [Pea05]. **AdS** [JL20, Ric13a]. **AdS/CFT** [JL20, Ric13a]. **Advanced** [Kas99]. **Adventures** [Gio13, WG16]. **adynamical** [SCS08]. **Aerodynamics** [Ste98]. **aether** [Eck15]. **affect** [Giu14]. **affirmative** [Smi03b]. **afraid** [Wal19b]. **Afshar** [Kas05]. **after** [FL15]. **Against** [Bel97a, DT14, Jan16, Wea14, McK11, Müll19, Nou15, San20]. **age** [Lan13, Kra15]. **agree** [WF20]. **Agreement** [RS17]. **Aharonov** [AG18, Mat07]. **ain't** [Due19b]. **Alan** [Lar08b, Sme03]. **Albert** [Kox06, PL17]. **Alberto** [Vel15]. **Aldershot** [Par10a, Per08a, Rob06]. **Alfred** [Ano05e, Hät05, Epp04]. **Algebraic** [CH01b, Svo01, HSV13, Ros13, Swa19, Wal11]. **algebras** [RBW15]. **Alisa** [BJ10]. **alleged** [Mul10]. **almost** [Pit12]. **alteration** [And10]. **Alternative** [ÇP18, Slo13]. **Amann** [Hal02]. **America** [DeV00, Sch13]. **amongst** [Del18]. **Ampère** [Har02a, Dar00]. **analogies** [FK16]. **analogue** [DHTW19]. **Analogues** [Svo98]. **Analogy** [JK11, Ara13, HG12, JL09, Mar06]. **Analysis** [Sch19, DHTW19, DvDVB20, Fal96, FK06, Nee10, Pon05, Mas07]. **analyticity** [Sus19]. **Anderson** [Adl03, Car01]. **Andreas** [Lav12]. **Andrew** [Fra04, She04, vL05]. **Anisotropic** [Bud97]. **Ann** [Smi02]. **Announcement** [Ano03b]. **Announcements** [Ano96a]. **Annual** [Hud07]. **Annus** [RR06, Jan06]. **anomalies** [And96, FF97]. **anomaly** [Gau14]. **Ansätze** [Hen92]. **Anschaulichkeit** [dR97]. **Answers** [Cal05]. **antagonistic** [Sch10a]. **Anthropic** [Bos02, Rou03, Mei05]. **anthropomorphizing** [Weg10]. **Antidote** [Dic96]. **antifundamentalism** [Mos95]. **antimatter** [Wal09b]. **antiparticles** [De 18]. **anything** [Myr19]. **Apart** [Wüt07, Kai05]. **Apparatus** [Che99]. **appearances** [LP06]. **applicability** [Bok17]. **Application** [MG01, DP16, FLG18, Mar17b, RS15, Sob20, Sta16, Wel15]. **appraisal** [Bar15a, CR15, Fri18, Rit20, dSO15]. **appreciation** [Rue04]. **Approach** [Heu14, Svo01, And15, Ara06, Bai14, CL04, DT14, EZ13, Hag07, Hag08, HS05, Led15, Mac07, Nor10, Réd14, Rid02, Sal20, Sau19, Wal03b, Wal11]. **approaches** [Bai13, Gri17, Hen92, Hig19, Yon10]. **approximation** [Ard18]. **Arabatzis** [Mac07]. **Aracne** [Vel15]. **arbitrarily** [Arn03]. **Arguing** [McK11]. **argument** [FL20, Gao15, Gio13, Joh19, Næg20, Nor06, Ric05a, Ric06, Smi03b, Sta16, Wea20, LP06]. **Arguments** [Ano02b, But99, Lin20, WG16]. **Ariccia** [Vel15]. **Arkady** [Tan09]. **Arrow** [Roh00, Atk06, Bac07, Dor06, Dro08, Ell13, Pri06, Rov04, Tor07, Wal06].

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Mul97b, Myr11, Nav09, Nor00a, PK08, Pas20, Pec12]. **mechanics** [Peg08, Per06, Per08a, Pla02, Réd96, Rid02, Rob17, San20, SKZ13, Sch98, Sch96, Sch10a, Sch10b, See04, Set09, Sew02, SJAG06, SCS08, Smi08, Sol13, TT17, Tim03, Vas15, Ver99a, Wal15, Wal19a, Wer13, WF15, Win08, dM96, dRFD14, vS20, Dic96, Lüt05, Per08b, Ved05, d'E01, Lav12, Pul08, Emc02, Her19, vL03]. **mechanism** [Bai16, FK16, Kar13, Str11, vS13]. **Mechanisms** [Fri05, Hen10a, Eis18, Mon17]. **Mechanistic** [Lüt05, Pul08]. **mediators** [Hum02, MM99]. **meet** [Lan06]. **Meeting** [Lan08, Dör05b]. **meets** [CH01a, Mau04]. **Meinard** [Fra04]. **memorial** [Uff11]. **Memoriam** [UDvLS08]. **Men** [Bro96, Sch94]. **Menahem** [Vot08]. **mentioned** [Gio14]. **Mermin** [Oha12]. **merry** [Rob15b]. **Mesh** [Dar15a]. **meta** [Lan07]. **meta-laws** [Lan07]. **Metaphor** [Cat01]. **Metaphorology** [Fra15, Vel15]. **Metaphors** [Fra15, Vel15]. **Metaphysics** [Fre09b, Lan09b, Suá09, Ter18, Che20, Cra01, Dor03, Dor06, Dun16, Esf04, Fal07, Hag07, Her11, Mau07a, Sch20, Slo13, Ste20, Tel97, Tor97, War12]. **metastable** [Gea17]. **meteorology** [Sun10]. **method** [BR08, Mar17b, Per13]. **methodological** [Fri20, Set09]. **Methodology** [GS96, HG12, JM11]. **Methods** [Cat01, Mer97]. **Meyerson** [Mil14]. **Michael** [Hea03, Heu14, Lup03, Dör05b, Hät05, Lan08]. **microgravity** [Mat14]. **microscope** [Tan04]. **microscopic** [Sum09]. **microwave** [ÇP18]. **Miklos** [Lup03]. **Military** [Clo00]. **Mills** [Cat08, Gua08a]. **Milne** [KR02, Mac14, RK02]. **Mind** [Det98, Esf01, Hal02, Hea03, PAAMH99, Sma10, Tap17]. **Minds** [Hem02]. **Minimal** [Hag09, PW07]. **Minkowski** [Acu16, Pit19]. **Minkowskian** [Bud97, WP09]. **Minus** [BU01]. **mirabilis** [Jan06, RR06]. **miracles** [RBL18, Rea19]. **miraculous** [Nor06]. **misadventures** [Gio13]. **Mismatch** [MN08]. **Missing** [Per11, Koz18]. **missionary** [Nav09]. **Mist** [Bat97]. **misunderstanding** [Hey10b]. **mixed** [Rue04]. **mixing** [CL07]. **Mobile** [She99]. **Mod** [Ano05e, Kan04, Sus15]. **Modal** [BH96, UU07, Ver99b, d'E01, DV98, Die07, FLG18, LC08, LCA10, Pit19, Pla02, Ver96, Ver99a, dRFD14]. **modal-Hamiltonian** [FLG18, LC08, LCA10]. **Model** [MS19, MS20, Bor12, KDdL12, LW10, McC15, Nor15, Sut08, Jon09, Per11, Wel15]. **Modeling** [Emc07a, HR04, Dah10, Gui10, Hey10a, HG12, Mor05]. **Modelling** [BJ00, Gal98, SW00, Jan10, Mas18]. **Models** [BFL12b, Emc07a, Emc07b, Gie11, MM99, Tor00, Adl04, BJ09, CP02, Cor15, Dob19, Fei14, Gra10, Hud07, Kat14, LC14, Luc17, Pri08, SC08, Wea10, Hum02]. **Modern** [Ano96c, Ano97c, Hil05a, Ric96, Rue00, Zab00, Cas98, Eve12, GS96, Kra14, Mac14, Pea17, Van11, Zin14]. **Modernists** [Hug98]. **Modes** [Nye00]. **modified** [ML20b, Sus14, Sus15]. **Modular** [Sch15]. **modulation** [Hud07]. **Mohrhoff** [SJAG06]. **molecular** [Hen10b, Uff06]. **molecules** [Uff96b]. **momentum** [Lee11, Sal09]. **MOND** [Mil20]. **monism** [GM13]. **Monographs** [Emc02]. **monotonic** [Kro08]. **Montevideo** [But15, GGPP11]. **Morgan** [Hum02]. **Morrison** [Deb03, Hum02]. **most** [Ber18a]. **Motion** [Dic96, Hol95, DP16, Hol93, Jan12, Leh19, Sch98, Uff96b, Wal14]. **Müller**

[Hal02]. **Müller-Herold** [Hal02]. **multi** [Mas18]. **multi-scale** [Mas18]. **Multiple** [Fog13, GW08, HS19]. **multiple-computations** [HS19]. **Multiple-context** [Fog13]. **Multiplicity** [Mar15]. **multiverse** [Gre04]. **Munchausen** [She99]. **must** [Gio14]. **mutual** [JM11]. **Mysteries** [Due20, Ved05, Ghi05]. **Myth** [Ano97a, Mul99, Mul97a, Mul97b]. **myths** [Bro96]. **myths-in-the-making** [Bro96].

N [Ano97c, Bro07, Emc02, Val02]. **Nagel** [Nee10]. **name** [Zah97]. **nanoscale** [Bur18]. **Narrowing** [LL19]. **natural** [Hum02, Mal02, MM99, Sme05]. **naturalism** [Smo15]. **Naturalness** [RH19, Wil15, Sah19, Wel15]. **Nature** [Gal98, Lan09b, Dor05a, Ell13, EZ13, HS17, Kat03, Lan07, LV18, Sma10, Smi07, Nor00b, Rob06, War12, Heu14]. **Naturwissenschaft** [Sie18]. **Nazi** [Lan02]. **necessarily** [Due19b]. **necessary** [Dar07]. **necessity** [Dro15]. **needn't** [Pit19]. **needs** [Ste03]. **negative** [BM14, Lav19, Sta16]. **neo** [Das20, Iva15, Mil14]. **neo-Copenhagen** [Das20]. **neo-Kantian** [Mil14]. **neo-Kantianism** [Iva15]. **Nernst** [Kox06]. **Netherlands** [Bek06]. **networks** [DT13, Nor20]. **Neue** [DJ09]. **Neumann** [Duw11, Lup03, Die17, Réd96, RS01, Stö07, Val08]. **neutral** [GM13]. **neutrality** [Ros16]. **neutrino** [De 18]. **neutron** [De 06]. **neutron-induced** [De 06]. **Newton** [Wea18, Bie20, Bra19, Che20, DiS20, Kno11, Smi19]. **Newtonian** [Bai04, Fle19, Fri20, Sch98, Vic09, Wal17, Wea11]. **next** [Bar01, Ell02]. **Nicholson** [Ell02]. **Nick** [Mau04, Mei05]. **Nicolson** [Rov02]. **Niels** [Lan08, CS15, Dör05b, Fol95, Per13, Zin16]. **Nineteenth** [D'A00, Dar99, vS13]. **Nineteenth-Century** [Dar99]. **Ninth** [Koz18]. **NJ** [Emc04, Fre14, Pip02, Roh96, Ved05]. **No** [BCG00, Ear14, Enz02, Fri13b, Man11, Ver99b, BC96, Dob19, FL20, Hig19, HS17, Mar07, Teh12, Str04]. **no-cloning** [Teh12]. **no-conspiracy** [HS17]. **No-Go** [Ver99b, FL20, Hig19, Man11]. **Nobel** [HD02]. **Noether** [Bra02, Pit16a]. **Non** [Bai19, BK04, Ber98a, Ber98b, CL07, Kro08, Lau96a, Lin20, LC14, AER02, AK14, Cha18, Cur19, DR03, Dor06, Egg17, Fri14, Fri13a, Giu08a, HM18, HB03, Kav14, LLB13, Lau96b, LP06, Mul10, Ver02, dM96]. **non-**[Fri14]. **non-biological** [Ver02]. **non-classical** [Kav14]. **Non-contextuality** [BK04]. **non-conventional** [Dor06]. **non-describable** [Giu08a]. **Non-empirical** [Lin20, Cha18]. **non-existence** [Cur19, Mul10]. **non-factorizability** [LLB13]. **non-fundamental** [Egg17]. **non-individuality** [AK14]. **non-inertial** [LP06]. **Non-integrability** [CL07]. **non-invasive** [HM18]. **non-local** [dM96]. **Non-Locality** [Ber98a, Ber98b, Bai19, Lau96a, DR03, Lau96b]. **Non-monotonic** [Kro08]. **non-ontic** [Fri13a]. **non-relativistic** [HB03]. **Non-Separability** [Ber98a]. **Non-standard** [LC14]. **non-unitary** [AER02]. **noncommutative** [Val07]. **Nonconservation** [Lee11]. **noncontextual** [Gri13b]. **Nonequilibrium** [Bis04]. **nonlinear** [Pec02]. **nonlocal** [Sta20]. **nonseparability** [Ara13]. **nontriviality** [Pit12]. **Nordström** [Due20, Pit16c]. **normal** [Gye17, Rue11]. **norms** [Pot19]. **Norris** [BM02]. **North** [Ano05e, Epp04, Hät05]. **Norton**

[Sme03, LR13, Wea20]. **note** [Bra19, Con12, Her20, Mon09]. **Notebook** [JNR⁺07, JRN⁺07]. **Notes** [Ben03]. **nothing** [AC10]. **notice** [Ano97c]. **Notion** [Kra00, Car96a, Car96b, HS15, Lan17, vS20]. **Nought** [Uff96b]. **nouvelles** [DFB12]. **Novel** [May03, Azh20]. **Novelty** [Hud03, JK11, May03, Rit20]. **November** [Wei18]. **Novikov** [Sme03]. **nowhere** [Dic04]. **Nuclear** [Hug98, Jen00, And96, Bor17, Bro02a, Car96b]. **number** [Myr20]. **numbers** [CD09]. **numerator** [Smi19]. **numerical** [Dah10].

objection [Mül19]. **Objective** [Duw11, Sza07, Tap17, Mau07b]. **Objectivity** [vF09, Eve12]. **Objects** [Mai98, Rue00, AK14, Big18, Cas98, Cur19, Fre03, Pit06b]. **oblateness** [Ric96]. **observability** [Wol14]. **Observables** [Rob18, BS96, Fle15, Kas14a, Pas15a, Rob14, Sau07]. **Observation** [Lan95, Mei05, Bos02, Gui10]. **observational** [Bel13, Ham14]. **observationally** [Wer09]. **Observations** [Fle11, SM14]. **observer** [Hay10]. **Observers** [Pit01]. **Obstacles** [t 01]. **occurrence** [Pas15a]. **Odense** [Gro07]. **Office** [Bro06, Lan08]. **Ohanian** [Mer12]. **oil** [And10]. **old** [BI13, DJ14, Kav14]. **Olentangy** [Clo00]. **Olivier** [Har02a, Kra06a]. **One** [RLS19, Bro02b, Gio14, Jon09, Mor02, Sta11, Ste03]. **only** [Fel20, HD02, Ste03, Wei18]. **Ontic** [Ber18a, Ain10, Fri13a, Yon10]. **Ontological** [Dic96, Hen10b, Sim14, BH93, Fei14, Har04, Yon10, Fra04, K LW02]. **Ontology** [Gao17, Her19, All19, Big18, Bus02, Cat18, DE10, Esf14, Gao15, Gri13a, Laz18, Mon04, Nor20, Ros13, Slo13, Sol13]. **Open** [Bok04, CH01b, Sme05]. **Operation** [Fle00a]. **operational** [Bar03]. **operations** [Arn04, RV10]. **operators** [Fle15]. **Oppenheimer** [Bro06, CH05]. **opponents** [vD10]. **opposition** [Wel18]. **Optical** [Che99, FLG18, JL09]. **optical-mechanical** [JL09]. **optics** [Fre06]. **option** [Egg19]. **oracle** [Pit96]. **orbital** [Wil19]. **orbitals** [Mul10]. **orbits** [DJ14]. **order** [BE97, MPL19]. **ordered** [Bai19]. **origin** [OFF09]. **Origins** [BU01, Car96a, Mar10, Par00, BBD17, Mil15, Set09, Sta08]. **oscillations** [Pec02]. **other** [BBD17, Jon09, Myr19, vD10]. **Our** [Moo00, Ell02, Rid02]. **outcomes** [Bäc08, Bak07, Pit03]. **Outline** [RS15]. **OV** [Sem16]. **own** [Sma10]. **Oxford** [Ano02b, Eis02, Har02a, Hau08, Kra02a, Man02, Mas07, Pul08, Sie05, Str04, Val02, War12, Wei09, dC02].

P [Ano97c, Emc02, Str04, Val02]. **P.** [Adl03, Lan02]. **Pages** [Ano97c, Rov02]. **Pagonis** [Hol02]. **pain** [Mar07]. **Pais** [Kra02a]. **Paper** [War98, Ken05, Mau04, Uff11, Zuc14]. **Paperback** [Bro06, Rom08, Wüt07, BM02, Bro96, Dic96, Man02, Rue00, vL05, Dic96]. **Papers** [dCK05, SF01]. **paradigm** [And10]. **Paradigms** [Fra15, Vel15]. **Paradox** [MG01, Dro08, Kou13, Mar17a, Mos95, Sau07]. **paradoxes** [Dun16, vF08]. **paradoxical** [Zuk05]. **parallel** [Bat03]. **parallels** [Mil20].

parameter [Lee16, Næg20]. **parameterizations** [Gra10]. **Parameters** [Ram00, RH19]. **parametrized** [Pat20]. **Parity** [Kob19]. **parking** [Bat03].
Part [Ano97a, Ano97c, HU13, Sus15, Wal18, Wal19a, CG97, CG98, EN98, EN99, Emc07a, Emc07b, FLRW19, FW19, McC04, McC05a, Mul97a, Mul97b].
partial [BFL12b, Gua08b]. **Particle** [CG98, Die01b, Fal07, FL15, Bok17, Bor17, Cam06, Cas17, CG97, Dro17, DJ08, Fal96, FK09, Fra08, Fra11, Gau14, Gin16, Kan03, Kan04, MS20, Per11, Sch08b, Val15, Wal11, vD02, Fre09b].
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particular [Har03]. **particularly** [Deu16]. **parts** [Ghi13]. **Pascual** [DJ08].
Pashby [Fle15]. **Past** [Ear06, Sob20]. **Pastures** [Riv00]. **path** [Bro02b].
Patrick [Mul04a]. **pattern** [Sma10]. **Paul** [Roh96]. **Pauli** [BC09, Enz02, Fle07, Set09, Str04]. **Pauling** [Nye00, Par00]. **PB** [Mar10].
pbk [Cha02, Cor02, Hum08, Lan08, Tel02]. **PBR** [BM17]. **peaceful** [Myr02].
peculiar [Car96a, Car96b, D'A12]. **pedagogy** [Gro12, Kai98]. **Pedro** [Hen13]. **Penrose** [Gao13a, H⁺98, Val02]. **Percival** [Spi02]. **perfectly** [Sch97].
periodization [Hen15]. **Perpetuum** [She99]. **perspective** [Ash15a, Ber18b, ČP18, Kno19, Kra06b, Rob14, Sch15, vF08]. **Perspectives** [Bel97b, dRLE09, AB02, ET07, Eve12, FL15, GM07, GMV08, Hum02, MM99, Sup04, NP12, Ric10]. **Perturbation** [LRT99]. **Peter** [Cha02, Dic96, Fre14].
phase [Ard18, Lyr14, Sch96, WF20]. **phenomena** [Bat05, Duw20, JK11].
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S [Bro96, Bro07, Den96, GM13, Hum02, Lar08b, Mas07, Sme03, Val02, Wei09, Sav15]. **Saatsi** [Wei09]. **Sabina** [NP12]. **Sackur** [OB13]. **safety** [Fri18]. **salience** [Egg17]. **Salle** [Sme05]. **Salvo** [Nor03]. **Same** [Ric17]. **San** [Hen13]. **Sandu** [Del01]. **satisfied** [Pit16b]. **Savitt** [Den96]. **Say** [Ber01]. **Says** [Ber01, Pri12]. **scalar** [Giu08b, Pit06b, Pit16c]. **scale** [CH01a, Mas18, Mau04, McC18a, Mon17]. **scale-invariant** [McC18a]. **scales** [Wil15]. **Scattering** [LRT99, Blu17]. **scenario** [Fri18]. **scenarios** [DvDdH15]. **Schack** [Sta11]. **Schanuel** [Cor02]. **Scheibe** [dCK05]. **Schlieder** [Val14]. **scholarly** [Sch13]. **scholium** [Bie20]. **Schrödinger** [Per08a, BC09, Bel97a, JL09, JK11, Joh07, Per06, dR97]. **Schuster** [Weg08]. **Schweber** [Bro96]. **Schwinger** [Bro96, Mil15, Sch94]. **Sci** [Sus15]. **Science** [And01b, Ano97c, Bro06, Hug98, IF15, Lan08, Lan09b, Nor03, OR00, Pai00, Skl02, Val02, Wal09a, Amb04, BJ09, Bos02, Hey10b, HD02, H⁺98, Iva15, Kat14, KP18, Kra02a, Mal02, Mei05, RK02, Sme05, War12, WG16, Zin02, vF09, Man02, Gie11, Hum02]. **sciences** [MM99]. **Scientific** [BJ09, Cat01, Del01, Fra04, Goo00, Har01, Kra15, dRLE09, vF08, BRS03, Cha95, Deb03, Enz02, Het95, Lan13, Mor00, Mul04a, PL17, Str04, Sup02, NP12, Gie11, Mul09]. **Scientist** [Gui10]. **scientists** [Har20]. **Scribbling** [Fre03]. **Scrutinising** [ML20b]. **scrutinized** [Riv19]. **Seamless** [And01b]. **Search** [Gao17, Her19, Cal05, LR14, Mor02, Sch18, Sch10b, WM20]. **Second** [Lan09a, Cam08, D'A12, Dro15, Hen14, Mü19, Sob20, Uff01]. **secrecy** [Bia06, vH07]. **secure** [Le 09]. **Security** [OR00]. **Seeking** [Lan00, Cha02]. **seems** [Mor07]. **Selected** [dCK05, SF01]. **selection** [Bor09, Bos02, Mei05]. **Selective** [Che99]. **Self** [CL04, MV19, Pec02]. **Self-induced** [CL04]. **self-location** [MV19]. **self-oscillations** [Pec02]. **selves** [Lew07]. **semiclassical** [MN08, MOS20]. **sense** [Gio16, Mit17, Vis17]. **Sensible** [Pas20]. **Separability** [Ber98a, Fog07, Ram20]. **separate** [Sta11]. **Separating** [Ram20]. **Serber** [Ber01]. **Seriously** [Cal01, Fra11, Tam12, Wal11]. **service** [Die17]. **sets** [And07, Hud15]. **Seven** [Kav14]. **seventeenth** [Slo13]. **Severe** [Kat13]. **Sewell** [Emc04]. **shadows** [Det98]. **shake** [HS17]. **Shan** [Her19]. **Shannon** [Tim03]. **shape** [And15, Kob19]. **shapes** [Cal15]. **sheet** [Fre03]. **Sheldon** [Arn03]. **Shibboleth** [Stö03]. **shift** [BB20]. **shifts** [Kra14]. **ship** [BB20]. **short** [Arn03, Lau96b]. **show** [Pit19]. **SHPMP** [Gro15]. **Shut** [Dar15b]. **side** [BM17]. **sides** [Acu16]. **Sidney** [Blu15]. **Siècle** [Dar95]. **Signalling** [Ber98a]. **signatures** [MS20]. **significance** [Bel96, Wei95]. **Silvan** [Bro96]. **Simon** [Weg08]. **Simplest** [Nor00b]. **Simplicity** [Nor00b, And10]. **simplified** [Dar09, Jij16]. **Simulation** [SW00, Hey10b, Sun10]. **simulations** [Gui10, MB15, Sun10]. **Simultaneity** [Bai00, Jan08, Ryn12, Kar97].

Simultaneous [Par00]. **sin** [Gio14, Ito17]. **Sin-itiro** [Ito17]. **Singapore** [Del01]. **Single** [AA98, Acu16, Bub20, Hok08]. **single-electron** [Hok08]. **single-world** [Bub20]. **Singularities** [EE99, Hog97]. **Sklar** [Man02]. **sky** [Bud97]. **Slater** [Par00]. **slaying** [Mul14]. **slit** [Hok08, Sch19]. **Slough** [Toa18]. **Smith** [Arn03]. **Smolin** [Rov02]. **snapshot** [SKZ13]. **Sneaking** [Ghi05, Ved05]. **social** [Hum02, MM99]. **Society** [Koz18, Sch13]. **sociology** [LC14]. **software** [Dor05a, Rob06]. **Solar** [DeV00, Hen98, Ric96]. **Solar-Rotation** [Hen98]. **solids** [JK11]. **solution** [Dun16, Fre02, LP06]. **solutions** [Mon97, Van14]. **solve** [McC15, Rob17]. **solved** [Adl03]. **Some** [Big18, Bro96, Dor06, Mit19, Sme20, Wea20, Kat14, Næg20, PT18, SM14]. **Sommerfeld** [Eck15, Set09]. **sophisticated** [Har20]. **soul** [Gra14]. **Sounds** [Moo00, Ste98]. **Source** [JNR⁺07]. **Sources** [BJ00, Wal09a]. **Southern** [Gro07]. **Space** [CW00, Die01b, Pit16c, Pit19, 't 01, Ber15, Ber18b, Bie20, Cal05, DT13, Dav03, DiS20, Fri07, Gom19, Gri13b, Hug17, Kil96, Mac14, ML20a, Mon97, Mü107, Ori14, PM07, Sau19, Sch96, UU07, Vis17, Réd96]. **Space-time** [Pit19, Sau19]. **Spaces** [Moo99, Fog13]. **Spacetime** [Auy01, Bai20, Bar15b, LW18, MG01, Nor20, Tor00, dR01, Acu16, AER02, Bai13, Cro13, Ell13, FMSW18, H⁺02, Hog97, HW13b, HW13a, Kno13, LE13, LL19, Man09, ML20a, ML20b, Mat13, Rea19, Ric13a, Sus19, Wal19b, Wea18, Wea19, Sme03]. **spacetimes** [Bai11, RBW15]. **Special** [Har08, Smi07, Acu14, DC18, Bud97, CL19, CR17, Dot12, Dro15, Fle95, Gro15, Hay10, Jan09, MO95, NBL17, Pit19, Sch98, vDDUK09, Hag08, Ste98]. **specificity** [Gim04]. **Specker** [App05, BK04, HP04, dRFD14]. **spectrum** [Gau14, McC18a]. **speed** [Dro20, Kra06b]. **spell** [Fri11a]. **Spiller** [Del01]. **Spin** [Mor07, Pit16a, Giu08a, MR03, Nor20, Ric05a, Sal20, Sau07, Seb19]. **spin-2** [Sal20]. **spin-networks** [Nor20]. **spin-statistics** [MR03]. **Spinor** [Bai00, Kar97, Pit06b]. **spinors** [Pit12]. **Spontaneous** [Lan13, BH13, Lew05, LE05, Mon04]. **Springer** [Bek06, Bro07, Cal04, Emc02, Fre09b, Lan09a, Lar08b, Ric10, Tan09, Wal09a, dCK05]. **Squaring** [Hag14]. **stability** [Pit16b, Val07]. **Stable** [Fil19]. **Staley** [Mar10]. **standard** [Gro07, Hag07, Heb05, LC14, Jon09, Per11, Wel15]. **Stanford** [Mul04a, Rom08, Smi02]. **star** [Bud97]. **Stark** [DJ14]. **started** [Poo06]. **starving** [Laz18]. **State** [Jan16, KDdL12, Moo99, Blu17, Cuf12, Kro08, LP15, Per98, Pla04, Spi02]. **states** [Dic17, Fri11a, Fri13a, Gea17, Jan19, Rue04]. **Statistical** [Cam08, Myr11, Pit01, Wal19a, vE14, vL01, vL03, Adl04, Bal05, Bis04, BMU09, Emc05, EH10, Gut99, Lav12, Lav19, Pec12, Rid02, Uff06, Wal15, Wer13, WF15, Win08]. **Statistics** [CG98, And15, CG97, MR03, Mor09, Sau06]. **status** [D'A12, MOS20, Wea11]. **Stein** [Har20, Man19a, Mit19, Pas20]. **Stephen** [Cor02, Sme03, Pea05]. **Stern** [Wei95]. **Still** [Lau96b, Gio16]. **stochastic** [Mat13, Ste19]. **Stoltzner** [Lup03]. **stone** [Bor12]. **story** [Gye17, Hil05a, Hil05b]. **strategies** [Bur18, Emc07a, Lil3]. **strategy** [Pit16b]. **stream** [Bel97a]. **strengthen** [Big10]. **stress** [Cur19]. **stress-energy** [Cur19]. **stresses** [Dar19]. **String**

[Daw17, GM07, GMV08, JM11, CR15, DvDVB20, Ric11, vDDVB20, Ric10]. **strings** [Pol17]. **strong** [Dou20]. **stronger** [Näg20]. **Structural** [Wei09, Ain10, Ber18a, Fre12, Nou15, RFS06]. **structuralism** [GM13, Iva15, Lyr04]. **structuralist** [Fre03]. **Structure** [Auy01, Bar15b, BFL12a, BRS03, Hen10b, Lyr14, Man09, Man19b, McC04, McC05a, Pit12, Sch15, Sme20, Wal03a, Wal19b]. **structures** [BFL12b, FL97, Hud15, Mor00, Sup02, UU07, WP09, Mul04a, Deb03]. **Stud** [Ano05e, Kan04, Sus15]. **Studies** [Ano96c, Ano97c, Bro06, DeV00, Hau02, Hil05a, Nor03, Row08, Wal09a, BV02, CH05, Emc07b, Pec04]. **Study** [Lan02, FK16, Het95, Tim08]. **Studying** [PL17]. **Stueckelberg** [LRT99]. **Stuewer** [Bro02a]. **stumbled** [Afr09]. **style** [Bis04, Pea17]. **Subatomic** [Fre09b, Fal07]. **Subjective** [CFS07, Wal07]. **subscale** [Gra10]. **substantivalism** [Slo13]. **substitutes** [Maw14]. **Subsystems** [Sum09]. **success** [Sah19]. **Successive** [LRT99]. **such** [SCS08]. **Super** [Laz18]. **Super-Humeanism** [Laz18]. **Superconductivity** [FL97, FK16]. **Superluminal** [Ber98a, Ber98b, Ear14, Wea14]. **superparameterization** [Gra10]. **superpositions** [Dic17]. **superselection** [Lan95]. **Supertasks** [Lar07, Lar08a]. **Supervenience** [Jan16]. **Suppes** [Mul04a]. **support** [San05]. **supported** [Tim03]. **surface** [Dan20]. **surplus** [Pit12]. **Survey** [Mar17b, Bel97b]. **Sverdrup** [OR00]. **Swann** [Hag08]. **swapping** [Gli19]. **sweet** [WG16]. **switches** [Zuc14]. **Symbolic** [Eis02, Gra99]. **symmetric** [SCS08, Sut08]. **Symmetries** [BC03, Dew15, Pas15a, RM15, Smi08, Fei15, DTB17, Kan03, Kan04, Lan07, Pit16b, RMN20, Wüt05]. **Symmetrised** [Kas99]. **Symmetry** [Bel03, HG06, Mai98, vF09, BH13, Ban08, Bra02, Cau15, Dot12, Lan13, LE05, Nor10, Pri12, Wal09b]. **Symposium** [Koz18]. **synergetics** [Pec02]. **System** [DeV00, Dro17, JBP14, Dah10]. **systematic** [SM14]. **Systems** [AA98, CH01b, Kri01, SW00, Bai19, CL07, Cat18, Fei15, Ghi13, Kro08, Lan13, MN08, MPL19, Wal19b, Wer13]. **Szilard** [EN98, EN99].

T [Cha02, Dic02b, Hil97, Val02, War12]. **T.** [Fle00b]. **tails** [McQ15]. **take** [Fra11]. **Taking** [Cal01, Pas15b, Tam12, Wall11]. **tale** [Fri06]. **Talk** [Luc17]. **Target** [Hug17]. **teach** [Ber95]. **Technological** [Ver02, Zim00, Ver02]. **technologies** [Hen15]. **Technology** [Bro06, Lan08]. **teleparallel** [Kno11]. **teleportation** [BEZ01, Duw03a]. **Telescopes** [vH07, Bia06]. **tell** [Bre97]. **Teller** [Roh96]. **temperatures** [Lav19]. **Temporal** [Smo15, UU07]. **Ten** [Dro17, Sor05]. **tendency** [Gye17]. **Tense** [Pas15b]. **tenses** [Str07]. **tensions** [BB20]. **tensor** [Cur19, Pit12, Wei18]. **terms** [Duw07, Gao15]. **Testability** [Kra14]. **testimony** [Alm09]. **Testing** [Cus01, Hey10a, Kat13, Pat20, Wil19]. **tests** [Deu16, Fre06, MS19]. **tetrad** [Pit06b, Pit12]. **tetrad-spinor** [Pit06b]. **Tetrode** [OB13]. **their** [Bor09, PL17, Sch10a]. **them** [Due19a]. **Theodore** [Mac07]. **theology** [Jam99, Jam02, Gor02]. **Theorem** [BCG00, App05, BH13, BK04, BM17, Big10, BMU09, BC96, Cam05, Fog07, Fre06, GT14, HS19, HP04, Jan19, Kas14a, Lee16, MR03, Maw14, San05, Swa19, Val14, WM20, dRFD14, Kox06, Lan17]. **Theorems**

[Ver99b, Dob19, Fog13]. **theoretic** [Cor17, Duw07, Hal04b, Hen20, LPS08]. **Theoretical** [D'A00, Sie18, TT17, Ara06, GM07, GMV08, Hen92, JL20, KP18, Kob19, Mac07, Mag01, Nor03, Ric10, Tor03]. **theoretical-historical** [Hen92]. **theoriengeschichtlichen** [Hen92]. **Theories** [Bai04, Bal98, Gua08a, Har01, Kra96, Kri01, SC08, Wüt07, dR01, Azh20, Bai11, Bat97, Bre97, CH01a, Cas02, Cau15, Deb03, Duw07, Duw20, Fra08, Ghi13, Gio20, Hal04b, Har03, Hea04, Hea14, HS17, HW13a, Kad13, Kai05, KR15, Lee16, Lew05, Li13, Man19b, ML20a, Mau04, McQ15, Mon04, Mor00, Par03, Pat20, Pit19, Ric17, See04, Ste19, Sus19, Tel97, Van11, Van14]. **theorist** [Das20]. **Theorists** [Dar99]. **Theory** [Bai98, Bub00, CH01b, Dic96, Hag08, Hau02, Hol95, Hug98, Jae00, Kas99, LRT99, Ram00, RSS+07a, Skl02, Smi02, Ste98, Wel18, Zab00, vL01, Acu14, Adl04, And15, AG18, BB20, Bai05, Ban02, Bel96, BM02, Ber18a, Big18, BJ16, Blu17, BH93, Bor09, Bra14, Bur18, CS15, CR15, Cao99, Cat08, Cha18, Cro13, Cro18, Dar15b, Dar19, DvDVB20, Deu16, DiS20, DJ09, DJ14, Eck15, Emc07a, Emc07b, Fel20, FF97, Fle95, For20, For07, Fra11, Fre09a, FH07b, GM07, GMV08, GW08, Gim04, Gri02, Gri17, Hag07, Har03, Hen20, Het95, HSV13, Hol93, JM11, Kar13, Kas04, Kas08, Kav14, Kno11, Koz18, Kro08, Leh19, Lyr04, Mal04, MO95, Maw14, Mer97, Mil14, Nor00a, Pas15c, Pas15b, Pat20, Pea05, Pec02, Pit03, PT18, Rea18, RS07]. **theory** [RV10, Ric10, Roh96, RLS19, Ros16, RH19, Ros13, Sch10a, Sch10b, Sch15, Seb20, SM11, Svo98, Tam12, Tel95, Val08, Val13, WM20, Wal11, Wan97, War03, Wei95, Wil19, Yon10, dR97, vDDVB20, vL05, vS20, Bra17, Dic96, Hen92, Hen97, Man02, Mos00, Roh96, Fra04, KLV02, Mit02, Omn03]. **theory-building** [Emc07a, Emc07b]. **theory-specificity** [Gim04]. **theory-testing** [Wil19]. **There** [Mar07, Ber18a, Dro08, Val07]. **thereof** [Her11]. **thermalized** [Dro17]. **Thermodynamic** [Nor16, Dro08, LPSG07, Mar05]. **thermodynamical** [PT18]. **Thermodynamics** [BU01, Bub01, Cal01, HS01, Cam05, Cam08, D'A12, Gio20, LPS08, Lav18, Lav19, Myr11, Wal18, Wal19a, Mü19, Sob20, Uff01]. **thermostatistical** [Cal04, EL02]. **These** [Sud02]. **theses** [Sor05]. **thesis** [Sam15]. **things** [Cuf20, Sza07]. **Thomas** [Sie05]. **Thomson** [Mit17]. **Thorndike** [Lar08b]. **Thorne** [Sme03]. **Thought** [Nye00, Gio14, PL17, Stö07]. **Three** [Bai14, Due20, GP14, Mas18, Rob15b, Smo02, Thé12, Mar17a, Rov02]. **thu** [Cuf20]. **Tian** [Mit02]. **Tim** [Del01, Suá09]. **Time** [Arn04, Ash15b, BU01, Cra01, Den96, Dey18, Die01b, EH10, Fle05, Fle15, Gal03, Hil05a, Hil05b, Kas99, Kil96, Man14, Pas15c, Roh00, Sav95, Uff02, 't 01, All19, AER02, Atk06, Bac07, Bar01, Bar15a, Bie20, But99, DT13, Dor06, Dro08, Dun16, Eck06, Ell02, Ell13, Enz02, Fri07, Gal04, Hen14, LR14, Mal04, Man11, Man19a, Mat07, Mon97, Nor15, Ori14, Pas15b, Pet15, Pit12, Pit14, Pit16c, Pit19, Pri12, Rid97, Rob14, Rob17, Rov04, RZ09, Sau19, SCS08, Slo15, Sob20, Str04, Thé12, Tor07, UU07, Vis17, Wal06, dSO15, Gro15, Lav12, Ano02b, Den96, Den96, Dor03, Sta05]. **Time-Asymmetry**

[BU01]. **time-evolution** [Mat07]. **time-like** [Pit14]. **time-reversibility** [Sob20]. **time-symmetric** [SCS08]. **Time-Symmetrised** [Kas99]. **time-symmetry** [Pri12]. **timeless** [And15]. **Timelike** [Gli19]. **Times** [Moo00, Mül07, Pas15b, PM07]. **Timothy** [Sme03]. **Tod** [Val02]. **today** [Den96, Sav95]. **toils** [Fri13b]. **Tomonaga** [Bro96, Ito17, Sch94]. **Too** [Cal01, Tam12]. **Tools** [SC08]. **top** [Cro13]. **top-down** [Cro13]. **Topics** [Emc02, Lan98]. **Topological** [Heu14, EZ13, MPL19]. **topologically** [Bai19, DT13]. **Topology** [CW00, Hud15]. **Torretti** [Tel02, Pit06b]. **total** [Van14]. **TOV** [Sem16]. **tower** [Smi02, Hen92, Hen97]. **Toy** [Pri08, Luc17]. **tracks** [Fal96]. **trajectories** [Mar06, MN08]. **Trans** [Smi02]. **transactional** [Kas08, Kas10]. **Transcendental** [Eve12]. **transference** [AG18, BFL12a]. **transformation** [Dey18, DJ09]. **transformations** [Dou20, DJ09, JL09, Lac04, Pon05]. **transition** [SS07, Sch07, Ver96, Lan09a]. **transitions** [Ard18]. **translated** [Ved05]. **Translation** [BJLR17]. **transport** [Due19b, Hey10a]. **travel** [Dun16]. **Treatments** [LRT99, Gio14]. **Trends** [Hil00]. **tri** [Cal05]. **tri-dimensionality** [Cal05]. **trivial** [Pit12]. **Trope** [Ros13]. **trouble** [DJ14, Fri13b]. **True** [HD02, Amb04]. **truly** [WM20]. **Trust** [Alm09, LZ99, Fal96]. **Trusted** [dC02, Cer98]. **Truth** [Skl02, Dar07, Man02]. **Tsirelson** [Cuf20]. **Tsou** [Val02]. **Tuning** [Sma10, Azh20, Hey10a, McC15]. **Turm** [Hen92]. **turn** [BJLR17, JL20]. **turned** [CL19]. **turning** [RR06]. **twenties** [Sma10]. **Twentieth** [D'A00, Kra02a, Pip02, GS06, Kra02b, Ram00]. **Twentieth-Century** [Kra02a]. **Twilight** [Kra15, RSS⁺07a, RSS⁺07b, Lan13]. **twins** [Jan12]. **Two** [Bai98, Kra96, RBL18, Ver99b, Acu16, And07, Bel13, FMSW18, Fra17, Fri06, Giu08a, HD02, Mar17b, Rob17, Sch10a]. **two-time** [Rob17]. **two-valuedness** [Giu08a]. **type** [And15]. **Typical** [Bar17]. **typicality** [Vol07, Wer13]. **typologically** [Hen10a].

U [Hal02, OR00]. **uberty** [Fre95]. **Uffink** [Ano96c, Gao13b]. **ugly** [Van14]. **UK** [Ano02b, Gor02, Har02a, Kra02a, Mit02, Val02, dC02]. **ultimates** [Cha02, Lan00]. **Un-conventional** [Gim04]. **unavoidable** [Dob19]. **unbecoming** [Nor15]. **Uncertainty** [Lew07, Par10b, Tan04, Dic04, Jij16, Kou13, MV19]. **Uncomfortable** [Duw11]. **under-determination** [But14]. **underdetermination** [Pit16c]. **underlying** [Dun16, Man19b]. **underpinning** [For20]. **Understanding** [Cat01, Duw20, Fri07, Gre04, Hey10b, Mer11, NP12, Oha12, dRLE09, DFB12, Ell02, FK09, Pla02, Smi95, Ver99a, BH13]. **Undivided** [Dic96, BH93]. **unfinished** [RLS19]. **unfolding** [Pea17]. **Unification** [Che99]. **unified** [RLS19]. **Unifying** [Mor00, Deb03]. **unimodular** [Ear03]. **Unique** [Ver96]. **Uniqueness** [BCG00, BC96, Cur19]. **unit** [Dro20]. **Unitary** [Fre12, AER02, BH13]. **units** [JBP14]. **Unity** [CW00, Fal96, Mor02, Zin02]. **Universe** [Bal98, Dic96, Eis02, Kra96, McC05b, Rob08, Val02, BH93, Bra14, Dor05a, Ear03, EK05, Gra99, H⁺98, Isa07, Rob06, Row08, Sme14, Ste03, Wal06, Bal98, Fra15, War12, Vel15, Weg08, Ell02]. **universes** [Sch97].

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[Ano02b, Bal98, BJ10, Bok10, Bro96, Bro06, Cor02, Deb03, Den96, Dic96, Dic02a, Eis02, Emc04, Esf07, Fre14, Gie11, Gor02, Gro07, Har02a, Hät05, Hau02, Hau08, Her19, Hol02, Hum02, Kra02a, Kra06a, Lan02, Lan08, Lav12, Mac07, Man02, Mar10, Mas07, Mau04, Mit02, Mul04a, NP12, Pea05, Pip02, Pla02, Pul08, Roh96, Rue00, Sie05, Smi02, Spi02, Str04, Tel02, Tor02, Val02, Ved05, Ver02, Vot08, War12, Wüt05, Wüt07, dC02, vH07, vL03, vL05].
unknown [HR04, Mor05]. **Unprincipled** [Mat14]. **unpublished** [Bel96, San20]. **Unraveling** [Ved05, Ghi05]. **unresolved** [Squ96]. **Unruh** [Ear11]. **unsharp** [BS96]. **unstable** [Fle11]. **unusual** [Ver02]. **Unweyling** [Due20]. **upon** [Ste20]. **US\$100** [Wüt05]. **US\$110.00** [War12]. **US\$119** [Mor05]. **US\$14.00** [Bro06]. **US\$179** [Bek06]. **US\$192.00** [Hal02]. **US\$35** [Ved05]. **US\$52** [Del01]. **US\$54** [Duw03a]. **US\$60.00** [Hau02, Str04]. **US\$69.95** [Lar08b]. **US\$70.00** [Mac07]. **US\$75** [Fre14]. **US\$80.00** [Vot08]. **US\$99.00** [War12]. **USA** [Pec12]. **use** [LPS08]. **uses** [Bor17]. **using** [Big10]. **USSR** [Pec12]. **utility** [Sta16, Wel15]. **Utopia** [Val08].

Vacuum [RZC99, RZ02]. **Vadis** [Bro07, EDK05]. **Validity** [Joh19]. **valuedness** [Giu08a]. **values** [Kas04, Kas08, WF20]. **vanishing** [Sal09]. **variable** [Bel96, Lee16]. **variables** [BC09, Koz18]. **variational** [Sma10]. **varying** [Kra06b]. **vector** [Pit14]. **vein** [Joh07, Per08a]. **velocities** [Arn03, Smi03b]. **Velocity** [MG01]. **Veneziano** [Ric10, GM07, GMV08]. **Vengeance** [Hug98]. **Verdamnte** [Sud02]. **verdict** [Nou15]. **Verlag** [Bro02a]. **Vermaas** [Pla02, d'E01]. **version** [HG12]. **versions** [Jij16]. **versus** [Bus02, Mil14, OB13, Pot19, SC08]. **via** [Hig19, Kad13, Pit16c]. **viability** [DT14]. **Vicki** [Amb04]. **Vienna** [Lup03]. **View** [Per08a, Dic04, Joh07, Mü19, Myr11]. **viewed** [Mül19]. **views** [Cam07]. **viii** [Hal02, Lan08, Rue00, d'E01]. **violate** [Val14]. **violation** [Ash15a, D'A12, Kob19, Rob15b]. **Visualisation** [dR01]. **Vizgin** [Pec04]. **Vladimir** [Pec04]. **Vol** [Hum02, Nor03, Wal09a]. **Volume** [Ano97c, Ano98l, Ano01b, Ano05g, Ano06e, Ano07f, Cam08, Row08, JNR+07, JRN+07, RSS+07a, RSS+07b]. **vs** [BM97, Gio14, Mil20, Pit16c, Pit19, Sun10].

W [Adl03, NP12, Sme03]. **Waiting** [BM14, Nor11]. **Walker** [Kra15]. **Wallace** [DT14]. **Walter** [Weg08]. **Walther** [FK09, Kox06]. **War** [Gal98, Mul04b]. **Warwick** [vL05]. **Was** [Vic09]. **Washington** [Amb04]. **Wataghin** [Hag14]. **Wave** [Gao17, Her19, Bok17, Cam06, Dro17, DJ08, FK09, JL09, Seb16, Sol13, Zin16, Per08b]. **wave-particle** [Bok17, Cam06, DJ08, FK09]. **Wavefunction** [Her13, Gao13a, Par03]. **Waves** [Gar02, Due19b]. **Way** [Uff01, 't 01, CL07, De 14, LL19]. **Wayne** [Fra04]. **ways** [Le 09]. **Weak** [Kas04, Big15, Kas08, Kob19, PW07]. **Weapons** [Gal98]. **weather** [Par10b]. **Web** [And01b]. **Weidenfeld** [Ell02, Rov02]. **Weierstrass** [Bot14]. **Weinberg** [MR03]. **Weingard** [Bro97]. **well** [Nee10]. **were** [Per08b, Pit16b]. **Werner** [Lan08, Dör05b]. **Weyl**

- [Afr09, Ber18b, DC18, De 18, Bra02, Cat18, RLS19, Sch18, Sie18]. **Weylean** [Toa18]. **Weyling** [AER02]. **Whence** [Bis10, Gil16]. **Where** [Mar06, Due19a, Poo06]. **Which** [Bra02, Mat06]. **while** [Afr09]. **Whitehead** [Ano05e, Hät05, Bai98, Epp04, GW08]. **Whiteheadian** [Bai05]. **Who** [Bro96, Wal19b, dC02, Blu15, Cer98, Sch94]. **whole** [Ghi13, HU13]. **Whose** [BM17]. **widespread** [Lau96a, Lau96b]. **Wigner** [BH13, MO20, Rob15a]. **Will** [She99, Lan17]. **William** [Cor02, Dor03, Sme03, Mit17]. **Wilsonian** [RH19]. **WIMPs** [Hud07]. **winner** [HD02]. **wisdom** [Gim04]. **withers** [Blu17]. **within** [BR08, Man02, Mau07a, Skl02, Suá09]. **without** [DGZ95, Eis18, Fil19, FK18, HM18, JL20, MG01, Sol13, Sza07]. **Wolfgang** [Str04, Enz02]. **Woodhouse** [Val02]. **Work** [Mit19, Ste98, Val02, Den96, HR04, H⁺98, Leh19, May03, Mor05, Pri06, Sav95]. **Works** [Fre14, Bot14, BB12]. **World** [And01b, Del01, Fra04, Tor00, War98, Bub20, FMSW18, Mor02, Pri12]. **Worlds** [Bev11, Dar05, Hem02, Wal02, Bar17, Bog19, Cuf12, HP07, MV19, dRFD14, Kra06a]. **Would** [FMSW18, Myr20]. **Wrath** [EN98, EN99]. **Written** [War98, Ste20]. **Wrong** [Wei95, Giu08b].
- X** [Bek06, Del01, Mau04, BJ10, Mar10, Vot08, Emc02, Gie11, Nor03, Tor02]. **xi** [Del01, Emc04, Pla02, Tor02, vL03]. **xii** [Bok10, Bro06, Dic96, Eis02, Fre14, Wüt05]. **xiii** [Bal98, Mei05, Pul08]. **xiv** [Hea03, Pip02, vL05, EN98, EN99]. **xix** [Har02a, Tor03, Wüt07]. **xv** [Bro02a, Dic02a, Lan09a]. **xvi** [Cor02, Tel02, War12]. **xvii** [Fre09b, Ver02]. **xviii** [Ric10]. **xx** [Dic96, Lan02]. **xxvii** [Bro96].
- Y.** [Vot08]. **Yang** [Cat08, Gua08a]. **year** [Smi19]. **yearbook** [Lup03]. **years** [Kav14, RLS19]. **York** [BM02, Bro07, Eis02, Emc02, Fre09b, Har02a, Hät05, Kra02a, Mei05, Sie05, Str04, Sup04, War12]. **Young** [JK11]. **Yu** [Mit02]. **Yuri** [Pec04].
- Zafiris** [Heu14]. **Zeilinger** [Duw03a]. **Ziman** [Ver02]. **Zurich** [JNR⁺07, JRN⁺07]. **Zweideutigkeit** [Set09].

References

Amann:1998:FDS

- [AA98] Anton Amann and Harald Atmanspacher. Fluctuations in the dynamics of single quantum systems. *Studies in History and Philosophy of Modern Physics*, 29(2):151–182, June 1998. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219898801081>.

Atmanspacher:2002:BCC

- [AB02] Harald Atmanspacher and Robert Bishop, editors. *Between chance and choice: interdisciplinary perspectives on determinism*. Imprint Academic, Thorverton, UK, 2002. ISBN 0-907845-21-5. 527 pp. LCCN BJ1461 .B48 2002.

Afriat:2010:RIR

- [AC10] Alexander Afriat and Ermenegildo Caccese. The relativity of inertia and reality of nothing. *Studies in History and Philosophy of Modern Physics*, 41(1):9-26, January 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000471>.

Acuna:2014:EEB

- [Acu14] Pablo Acuña. On the empirical equivalence between special relativity and Lorentz's ether theory. *Studies in History and Philosophy of Modern Physics*, 46 (part B)(?):283-302, May 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000124>.

Acuna:2016:MSL

- [Acu16] Pablo Acuña. Minkowski spacetime and Lorentz invariance: the cart and the horse or two sides of a single coin? *Studies in History and Philosophy of Modern Physics*, 55(?):1-12, August 2016. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816300193>.

Adler:2003:WDS

- [Adl03] Stephen L. Adler. Why decoherence has not solved the measurement problem: a response to P. W. Anderson. *Studies in History and Philosophy of Modern Physics*, 34(1):135-142, March 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000862>.

Adler:2004:QTE

- [Adl04] Stephen L. Adler. *Quantum theory as an emergent phenomenon: the statistical mechanics of matrix models as the precursors of quantum field theory*. Cambridge University Press, Cambridge, UK, 2004. ISBN 0-521-83194-6. xi + 225

pp. LCCN QC174.12 .A32 2004. URL <http://www.loc.gov/catdir/description/cam041/2003064019.html>; <http://www.loc.gov/catdir/toc/cam041/2003064019.html>.

Adlam:2014:PCE

- [Adl14] Emily Adlam. The problem of confirmation in the Everett interpretation. *Studies in History and Philosophy of Modern Physics*, 47(??):21–32, August 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000276>.

Arageorgis:2002:WTN

- [AER02] Aristidis Arageorgis, John Earman, and Laura Ruetsche. Weyling the time away: the non-unitary implementability of quantum field dynamics on curved spacetime. *Studies in History and Philosophy of Modern Physics*, 33(2):151–184, June 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000060>.

Afriat:2009:HWS

- [Afr09] Alexander Afriat. How Weyl stumbled across electricity while pursuing mathematical justice. *Studies in History and Philosophy of Modern Physics*, 40(1):20–25, January 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000415>.

Ardourel:2018:WTT

- [AG18] Vincent Ardourel and Alexandre Guay. Why is the transference theory of causation insufficient? The challenge of the Aharonov–Bohm effect. *Studies in History and Philosophy of Modern Physics*, 63(??):1–11, August 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817300485>.

Ainsworth:2010:WOS

- [Ain10] Peter Mark Ainsworth. What is ontic structural realism? *Studies in History and Philosophy of Modern Physics*, 41(1):50–57, January 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000604>.

Arenhart:2014:PIN

- [AK14] Jonas Becker Arenhart and Décio Krause. From primitive identity to the non-individuality of quantum objects. *Studies in History and Philosophy of Modern Physics*, 46 (part B)(?):273–282, May 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000148>.

Allori:2019:QMT

- [All19] Valia Allori. Quantum mechanics, time and ontology. *Studies in History and Philosophy of Modern Physics*, 66(?):145–154, May 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818300455>.

Almassi:2009:TET

- [Alm09] Ben Almassi. Trust in expert testimony: Eddington’s 1919 eclipse expedition and the British response to general relativity. *Studies in History and Philosophy of Modern Physics*, 40(1):57–67, January 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000634>.

Ambegaokar:2004:BRB

- [Amb04] Vinay Ambegaokar. Book review: *True genius: the life and science of John Bardeen*: Lillian Hoddeson and Vicki Daitch, Joseph Henry Press, Washington, DC, 2002, 467 pp., US \$27.95, ISBN 0-309-08408-3. *Studies in History and Philosophy of Modern Physics*, 35(1):134–138, March 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000923>. See [HD02].

Andersen:1996:CAD

- [And96] Hanne Andersen. Categorization, anomalies and the discovery of nuclear fission. *Studies in History and Philosophy of Modern Physics*, 27(4):463–492, December 1996. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219896000160>.

Anderson:2001:RC

- [And01a] Philip W. Anderson. Reply to Cartwright. *Studies in History and Philosophy of Modern Physics*, 32(3):499–500, Septem-

ber 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000132>.

Anderson:2001:SDW

- [And01b] Philip W. Anderson. Science: a ‘dappled world’ or a ‘seamless web’? *Studies in History and Philosophy of Modern Physics*, 32(3):487–494, September 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000119>.

Anderson:2007:RGT

- [And07] Edward Anderson. On the recovery of geometrodynamics from two different sets of first principles. *Studies in History and Philosophy of Modern Physics*, 38(1):15–57, March 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000529>.

Anduaga:2008:RIA

- [And08] Aitor Anduaga. The realist interpretation of the atmosphere. *Studies in History and Philosophy of Modern Physics*, 39(3):465–510, September 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000099>.

Anduaga:2010:CLS

- [And10] Aitor Anduaga. Crustal layering, simplicity, and the oil industry: The alteration of an epistemic paradigm by a commercial environment. *Studies in History and Philosophy of Modern Physics*, 41(4):322–345, November 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000390>.

Anderson:2015:KSS

- [And15] Edward Anderson. Kendall’s shape statistics as a classical realization of Barbour-type timeless records theory approach to quantum gravity. *Studies in History and Philosophy of Modern Physics*, 51(??):1–8, August 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000404>.

Anonymous:1995:C

- [Ano95a] Anonymous. Contents. *Studies in History and Philosophy of Modern Physics*, 26(3):??, December 1995. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/1355219895900012>.

Anonymous:1995:EB

- [Ano95b] Anonymous. Editorial board. *Studies in History and Philosophy of Modern Physics*, 26(1):??, April 1995. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/1355219895900039>.

Anonymous:1996:A

- [Ano96a] Anonymous. Announcements. *Studies in History and Philosophy of Modern Physics*, 27(1):??, March 1996. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219896900416>.

Anonymous:1996:CAI

- [Ano96b] Anonymous. Contents and author index. *Studies in History and Philosophy of Modern Physics*, 27(4):??, December 1996. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897809495>.

Anonymous:1996:C

- [Ano96c] Anonymous. Corrigendum: Uffink, J. (1996) "The Constraint Rule of the Maximum Entropy Principle", *Studies in History and Philosophy of Modern Physics* 27, 47–79 (1996). *Studies in History and Philosophy of Modern Physics*, 27(2):??, June 1996. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/1355219896851161>. See [Uff96a].

Anonymous:1996:E

- [Ano96d] Anonymous. Editorial. *Studies in History and Philosophy of Modern Physics*, 27(1):iii–v, March 1996. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219896900398>.

Anonymous:1996:EB

- [Ano96e] Anonymous. Editorial board. *Studies in History and Philosophy of Modern Physics*, 27(1):??, March 1996. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219896900374>.

Anonymous:1997:CEM

- [Ano97a] Anonymous. Corrigendum: “The Equivalence Myth of Quantum Mechanics — Part II”. *Studies in History and Philosophy of Modern Physics*, 28(4):1, December 1997. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897860522>. See [Mul97b].

Anonymous:1997:EB

- [Ano97b] Anonymous. Editorial board. *Studies in History and Philosophy of Modern Physics*, 28(1):??, March 1997. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897900058>.

Anonymous:1997:ENL

- [Ano97c] Anonymous. Erratum notice: “Local quantum physics”, *Studies In History and Philosophy of Science Part B: Studies In History and Philosophy of Modern Physics*, Volume 27, Issue 4, December 1996, Pages 511–524, N. P. Landsman. *Studies in History and Philosophy of Modern Physics*, 28(1):i–ii, March 1997. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897855372>. See [Lan96].

Anonymous:1998:BRa

- [Ano98a] Anonymous. Book review. *Studies in History and Philosophy of Modern Physics*, 29(1):137–139, March 11, 1998. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897000257>.

Anonymous:1998:BRc

- [Ano98b] Anonymous. Book review. *Studies in History and Philosophy of Modern Physics*, 29(2):273–275, June 1998. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S1355219898000057>.

Anonymous:1998:BRd

- [Ano98c] Anonymous. Book review. *Studies in History and Philosophy of Modern Physics*, 29(2):277–279, June 1998. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219898000045>.

Anonymous:1998:BRe

- [Ano98d] Anonymous. Book review. *Studies in History and Philosophy of Modern Physics*, 29(2):281–286, June 1998. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219898801093>.

Anonymous:1998:BRf

- [Ano98e] Anonymous. Book review. *Studies in History and Philosophy of Modern Physics*, 29(4):575–588, December 1998. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219898000185>.

Anonymous:1998:BRg

- [Ano98f] Anonymous. Book review. *Studies in History and Philosophy of Modern Physics*, 29(4):589–593, December 1998. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219898000197>.

Anonymous:1998:BRh

- [Ano98g] Anonymous. Book review. *Studies in History and Philosophy of Modern Physics*, 29(4):595–601, December 1998. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219898000203>.

Anonymous:1998:BRi

- [Ano98h] Anonymous. Book review. *Studies in History and Philosophy of Modern Physics*, 29(4):603–610, December 1998. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219898000215>.

Anonymous:1998:BRj

- [Ano98i] Anonymous. Book review. *Studies in History and Philosophy of Modern Physics*, 29(4):611–620, December 1998. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219898000173>.

Anonymous:1998:E

- [Ano98j] Anonymous. Editorial. *Studies in History and Philosophy of Modern Physics*, 29(3):287–294, September 1998. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521989800015X>.

Anonymous:1998:I

- [Ano98k] Anonymous. Index. *Studies in History and Philosophy of Modern Physics*, 29(4):??, December 1998. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219898000276>.

Anonymous:1998:LCV

- [Ano98l] Anonymous. List of contents to volume 29. *Studies in History and Philosophy of Modern Physics*, 29(4):??, December 1998. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219898800014>.

Anonymous:1999:BRa

- [Ano99a] Anonymous. Book review. *Studies in History and Philosophy of Modern Physics*, 30(1):141–143, March 1999. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521989800029X>.

Anonymous:1999:BRb

- [Ano99b] Anonymous. Book review. *Studies in History and Philosophy of Modern Physics*, 30(1):145–154, March 1999. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219898000318>.

Anonymous:1999:BRc

- [Ano99c] Anonymous. Book review. *Studies in History and Philosophy of Modern Physics*, 30(1):155–157, March 1999. CO-

DEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic).
URL <http://www.sciencedirect.com/science/article/pii/S1355219898000306>.

Anonymous:1999:BRd

- [Ano99d] Anonymous. Book review. *Studies in History and Philosophy of Modern Physics*, 30(2):261–266, June 1999. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219898000367>.

Anonymous:1999:BRe

- [Ano99e] Anonymous. Book review. *Studies in History and Philosophy of Modern Physics*, 30(2):267–281, June 1999. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000064>.

Anonymous:1999:BRf

- [Ano99f] Anonymous. Book review. *Studies in History and Philosophy of Modern Physics*, 30(2):283–285, June 1999. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219898000355>.

Anonymous:1999:BRg

- [Ano99g] Anonymous. Book review. *Studies in History and Philosophy of Modern Physics*, 30(2):287–305, June 1999. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219898000161>.

Anonymous:1999:BRh

- [Ano99h] Anonymous. Book review. *Studies in History and Philosophy of Modern Physics*, 30(3):433–435, September 1999. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521989900009X>.

Anonymous:1999:BRi

- [Ano99i] Anonymous. Book review. *Studies in History and Philosophy of Modern Physics*, 30(3):437–441, September 1999. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000106>.

Anonymous:1999:BRj

- [Ano99j] Anonymous. Book review. *Studies in History and Philosophy of Modern Physics*, 30(3):443–452, September 1999. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000076>.

Anonymous:1999:BRk

- [Ano99k] Anonymous. Book review. *Studies in History and Philosophy of Modern Physics*, 30(3):453–455, September 1999. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000088>.

Anonymous:1999:BRl

- [Ano99l] Anonymous. Book review. *Studies in History and Philosophy of Modern Physics*, 30(4):547–553, December 1999. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000192>.

Anonymous:1999:BRm

- [Ano99m] Anonymous. Book review. *Studies in History and Philosophy of Modern Physics*, 30(4):555–560, December 1999. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000179>.

Anonymous:1999:BRn

- [Ano99n] Anonymous. Book review. *Studies in History and Philosophy of Modern Physics*, 30(4):561–567, December 1999. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000155>.

Anonymous:1999:BRo

- [Ano99o] Anonymous. Book review. *Studies in History and Philosophy of Modern Physics*, 30(4):569–577, December 1999. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000180>.

Anonymous:1999:Da

- [Ano99p] Anonymous. Discussion. *Studies in History and Philosophy of Modern Physics*, 30(2):159–183, June 1999. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000015>.

Anonymous:1999:Db

- [Ano99q] Anonymous. Discussion. *Studies in History and Philosophy of Modern Physics*, 30(3):373–397, September 1999. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000131>.

Anonymous:1999:Dc

- [Ano99r] Anonymous. Discussion. *Studies in History and Philosophy of Modern Physics*, 30(3):399–402, September 1999. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521989900012X>.

Anonymous:1999:I

- [Ano99s] Anonymous. Index. *Studies in History and Philosophy of Modern Physics*, 30(4):vii, December 1999. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000222>.

Anonymous:2000:BR

- [Ano00a] Anonymous. Book review. *Studies in History and Philosophy of Modern Physics*, 31(2):247–251, June 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000349>.

Anonymous:2000:E

- [Ano00b] Anonymous. Editorial. *Studies in History and Philosophy of Modern Physics*, 31(2):129–133, June 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219800000022>.

Anonymous:2000:I

- [Ano00c] Anonymous. Index. *Studies in History and Philosophy of Modern Physics*, 31(4):??, December 2000. CODEN ???? ISSN

1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980000319>.

Anonymous:2001:E

- [Ano01a] Anonymous. Editorial. *Studies in History and Philosophy of Modern Physics*, 32(4):501–502, December 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000260>.

Anonymous:2001:LCA

- [Ano01b] Anonymous. List of contents and author index volume 32. *Studies in History and Philosophy of Modern Physics*, 32(4):??, December 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000314>.

Anonymous:2002:CAI

- [Ano02a] Anonymous. 2002 contents and author index. *Studies in History and Philosophy of Modern Physics*, 33(4):??, December 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000941>.

Anonymous:2002:BRB

- [Ano02b] Anonymous. Book review: *The Arguments of Time*: Butterfield, J. (Ed.), Oxford University Press, Oxford, 2000, 272 pp., hardback price, US \$60.00, UK £28.00, ISBN 0-19-726207-4. *Studies in History and Philosophy of Modern Physics*, 33(1):135–142, March 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000442>. See [But99].

Anonymous:2002:E

- [Ano02c] Anonymous. Editorial. *Studies in History and Philosophy of Modern Physics*, 33(1):1–2, March 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000326>.

Anonymous:2002:EB

- [Ano02d] Anonymous. Editorial board. *Studies in History and Philosophy of Modern Physics*, 33(3):??, September 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S1355219802000576>.

Anonymous:2002:EBP

- [Ano02e] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 33(4):??, December 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000886>.

Anonymous:2003:CAI

- [Ano03a] Anonymous. 2003 contents and author index. *Studies in History and Philosophy of Modern Physics*, 34(4):??, December 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000789>.

Anonymous:2003:A

- [Ano03b] Anonymous. Announcement to 34/3. *Studies in History and Philosophy of Modern Physics*, 34(3):523, September 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980300042X>.

Anonymous:2003:EBPa

- [Ano03c] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 34(1):??, March 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802001223>.

Anonymous:2003:EBPb

- [Ano03d] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 34(2):??, June 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000145>.

Anonymous:2003:EBPc

- [Ano03e] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 34(3):??, September 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000443>.

Anonymous:2003:EBPd

- [Ano03f] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 34(4):??, December 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000728>.

Anonymous:2003:RFJ

- [Ano03g] Anonymous. Referees: February 2001–January 2003. *Studies in History and Philosophy of Modern Physics*, 34(3):525, September 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000315>.

Anonymous:2004:CAI

- [Ano04a] Anonymous. 2004 contents and author index. *Studies in History and Philosophy of Modern Physics*, 35(4):??, December 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000693>.

Anonymous:2004:EBPa

- [Ano04b] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 35(1):??, March 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000972>.

Anonymous:2004:EBPb

- [Ano04c] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 35(2):??, June 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000152>.

Anonymous:2004:EBPc

- [Ano04d] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 35(3):??, September 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000413>.

Anonymous:2004:EBPd

- [Ano04e] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 35(4):??, December 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000632>.

Anonymous:2005:EBPa

- [Ano05a] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 36(1):??, March 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000079>.

Anonymous:2005:EBPb

- [Ano05b] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 36(2):??, June 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000274>.

Anonymous:2005:EBPc

- [Ano05c] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 36(3):??, September 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000481>.

Anonymous:2005:EBPd

- [Ano05d] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 36(4):??, December 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000717>.

Anonymous:2005:EQM

- [Ano05e] Anonymous. Erratum to “Quantum mechanics and the philosophy of Alfred North Whitehead” [Stud. Hist. Philos. Mod. Phys. 36 (2005) 199–202]. *Studies in History and Philosophy of Modern Physics*, 36(3):590, September 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000353>. See [Hät05].

Anonymous:2005:LR

- [Ano05f] Anonymous. List of referees. *Studies in History and Philosophy of Modern Physics*, 36(4):732–733, December 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000675>.

Anonymous:2005:VCA

- [Ano05g] Anonymous. Volume contents and author index (2005). *Studies in History and Philosophy of Modern Physics*, 36(4):??, December 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000833>.

Anonymous:2006:EBPa

- [Ano06a] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 37(1):??, March 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000141>.

Anonymous:2006:EBPb

- [Ano06b] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 37(2):??, June 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980600030X>.

Anonymous:2006:EBPc

- [Ano06c] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 37(3):??, September 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000554>.

Anonymous:2006:EBPd

- [Ano06d] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 37(4):??, December 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000748>.

Anonymous:2006:VCA

- [Ano06e] Anonymous. Volume contents and author index (2006). *Studies in History and Philosophy of Modern Physics*, 37(4):??, December 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000797>.

Anonymous:2007:EBPa

- [Ano07a] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 38(1):??, March 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000032>.

Anonymous:2007:EBPb

- [Ano07b] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 38(2):??, June 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000524>.

Anonymous:2007:EBPc

- [Ano07c] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 38(3):??, September 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000640>.

Anonymous:2007:EBPd

- [Ano07d] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 38(4):??, December 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000834>.

Anonymous:2007:JRA

- [Ano07e] Anonymous. The Journal's referees, August 2005–August 2007. *Studies in History and Philosophy of Modern Physics*, 38(4):996–997, December 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000779>.

Anonymous:2007:VCA

- [Ano07f] Anonymous. Volume contents and author index. *Studies in History and Philosophy of Modern Physics*, 38(4):??, December 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000949>.

Anonymous:2008:EBPa

- [Ano08a] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 39(1):??, January 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807001050>.

Anonymous:2008:EBPb

- [Ano08b] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 39(2):??, May 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000117>.

Anonymous:2008:EBPc

- [Ano08c] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 39(3):??, September 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000452>.

Anonymous:2008:EBPd

- [Ano08d] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 39(4):??, November 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000658>.

Anonymous:2009:EBPa

- [Ano09a] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 40(1):??, January 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000853>.

Anonymous:2009:EBPb

- [Ano09b] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 40(2):??, May 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000148>.

Anonymous:2009:EBPc

- [Ano09c] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 40(3):??, August 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000392>.

Anonymous:2009:EBPd

- [Ano09d] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 40(4):??, December 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000628>.

Anonymous:2010:EBPa

- [Ano10a] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 41(1):??, January 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000043>.

Anonymous:2010:EBPb

- [Ano10b] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 41(2):??, May 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000274>.

Anonymous:2010:EBPc

- [Ano10c] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 41(3):??, September 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000535>.

Anonymous:2010:EBPd

- [Ano10d] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 41(4):??, November 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000687>.

Anonymous:2011:EBPa

- [Ano11a] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 42(1):??, February 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000098>.

Anonymous:2011:EBPb

- [Ano11b] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 42(2):??, May 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000220>.

Anonymous:2011:EBPc

- [Ano11c] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 42(3):??, August 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000414>.

Anonymous:2011:EBP

- [Ano11d] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 42(4):??, November 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981100058X>.

Anonymous:2012:EBPa

- [Ano12a] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 43(1):??, February 2012. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219812000081>.

Anonymous:2012:EBPb

- [Ano12b] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 43(2):??, May 2012. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219812000251>.

Anonymous:2012:EBPc

- [Ano12c] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 43(3):??, August 2012. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219812000457>.

Anonymous:2012:EBPd

- [Ano12d] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 43(4):??, November 2012. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219812000597>.

Anonymous:2013:EBPa

- [Ano13a] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 44(1):??, February 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000087>.

Anonymous:2013:EBPb

- [Ano13b] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 44(2):??, May 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000270>.

Anonymous:2013:EBPc

- [Ano13c] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 44(3):??, August 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000543>.

Anonymous:2014:EBPa

- [Ano14a] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 47(?):ifc, August 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000689>.

Anonymous:2014:EBPb

- [Ano14b] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 48 (part A) (?):ifc, November 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814001063>.

Anonymous:2014:EBPc

- [Ano14c] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 48 (part B) (?):ifc, November 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814001142>.

Anonymous:2015:EBPa

- [Ano15a] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 49(?):ifc, February 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000131>.

Anonymous:2015:EBPb

- [Ano15b] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 50(?):ifc, May 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000349>.

Anonymous:2015:EBPc

- [Ano15c] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 51(?):ifc, August 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981500074X>.

Anonymous:2015:EBPd

- [Ano15d] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 52 (part A) (??):ifc, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815001033>.

Anonymous:2015:EBPe

- [Ano15e] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 52 (part B) (??):ifc, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815001124>.

Anonymous:2016:EBPa

- [Ano16a] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 53(??):ifc, February 2016. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981600006X>.

Anonymous:2016:EBPb

- [Ano16b] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 54(??):ifc, May 2016. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816300764>.

Anonymous:2016:EBPc

- [Ano16c] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 55(??):ifc, August 2016. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816301484>.

Anonymous:2016:EBPd

- [Ano16d] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 56(??):ifc, November 2016. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816301812>.

Anonymous:2017:EBPa

- [Ano17a] Anonymous. Editorial Board and publication information. *Studies in History and Philosophy of Modern Physics*, 57(?):ifc, February 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817300333>.

Anonymous:2017:EBPb

- [Ano17b] Anonymous. Editorial board and publication information. *Studies in History and Philosophy of Modern Physics*, 58(?):ifc, May 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817300849>.

Anonymous:2017:EBPc

- [Ano17c] Anonymous. Editorial board and publication information. *Studies in History and Philosophy of Modern Physics*, 59(?):ifc, August 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817301442>.

Anonymous:2017:EBPd

- [Ano17d] Anonymous. Editorial board and publication information. *Studies in History and Philosophy of Modern Physics*, 60(?):ifc, November 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817301909>.

Anonymous:2018:EBa

- [Ano18a] Anonymous. Editorial Board. *Studies in History and Philosophy of Modern Physics*, 61(?):ii, ???? 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818300376>.

Anonymous:2018:EBb

- [Ano18b] Anonymous. Editorial Board. *Studies in History and Philosophy of Modern Physics*, 62(?):ii, May 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818300807>.

Anonymous:2018:EBc

- [Ano18c] Anonymous. Editorial Board. *Studies in History and Philosophy of Modern Physics*, 63(?):1–162, August 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818301448>.

Anonymous:2018:EBd

- [Ano18d] Anonymous. Editorial Board. *Studies in History and Philosophy of Modern Physics*, 64(?):ii, November 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818301916>.

Anonymous:2019:EBa

- [Ano19a] Anonymous. Editorial Board. *Studies in History and Philosophy of Modern Physics*, 65(?):ii, February 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219819300346>.

Anonymous:2019:EBb

- [Ano19b] Anonymous. Editorial Board. *Studies in History and Philosophy of Modern Physics*, 66(?):ii, May 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219819300930>.

Anonymous:2019:EBc

- [Ano19c] Anonymous. Editorial Board. *Studies in History and Philosophy of Modern Physics*, 67(?):ii, August 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219819301571>.

Anonymous:2019:EBd

- [Ano19d] Anonymous. Editorial Board. *Studies in History and Philosophy of Modern Physics*, 68(?):ii, November 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219819302217>.

Anonymous:2020:EBa

- [Ano20a] Anonymous. Editorial Board. *Studies in History and Philosophy of Modern Physics*, 69(?):ii, February 2020. CO-

DEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic).
URL <http://www.sciencedirect.com/science/article/pii/S1355219820300381>.

Anonymous:2020:EBb

[Ano20b] Anonymous. Editorial Board. *Studies in History and Philosophy of Modern Physics*, 70(?):ii, May 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219820300873>.

Anonymous:2020:EBc

[Ano20c] Anonymous. Editorial Board. *Studies in History and Philosophy of Modern Physics*, 71(?):ii, August 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219820301027>.

Anonymous:2020:EBd

[Ano20d] Anonymous. Editorial Board. *Studies in History and Philosophy of Modern Physics*, 72(?):ii, November 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219820301180>.

Appleby:2005:BKS

[App05] D. M. Appleby. The Bell–Kochen–Specker theorem. *Studies in History and Philosophy of Modern Physics*, 36(1):1–28, March 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000590>.

Arabatzis:1996:RDE

[Ara96] Theodore Arabatzis. Rethinking the ‘discovery’ of the electron. *Studies in History and Philosophy of Modern Physics*, 27(4):405–435, December 1996. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219896000196>.

Arabatzis:2006:REB

[Ara06] Theodore Arabatzis. *Representing electrons: a biographical approach to theoretical entities*. University of Chicago Press, Chicago, IL, USA and London, UK, 2006. ISBN 0-226-02420-2, 0-226-02421-0 (paperback). xiv + 295 pp. LCCN QC793.5.E62

A73 2006. URL <http://www.loc.gov/catdir/enhancements/fy0621/2005004218-b.html>; <http://www.loc.gov/catdir/enhancements/fy0621/2005004218-d.html>; <http://www.loc.gov/catdir/toc/ecip058/2005004218.html>.

Arageorgis:2013:HNA

- [Ara13] Aristidis Arageorgis. Holism and nonseparability by analogy. *Studies in History and Philosophy of Modern Physics*, 44(3):206–214, August 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000439>.

Ardourel:2018:ILE

- [Ard18] Vincent Ardourel. The infinite limit as an eliminable approximation for phase transitions. *Studies in History and Philosophy of Modern Physics*, 62(??):71–84, May 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817300059>.

Arntzenius:2003:ASR

- [Arn03] Frank Arntzenius. An arbitrarily short reply to Sheldon Smith on instantaneous velocities. *Studies in History and Philosophy of Modern Physics*, 34(2):281–282, June 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980300008X>.

Arntzenius:2004:TRO

- [Arn04] Frank Arntzenius. Time reversal operations, representations of the Lorentz group, and the direction of time. *Studies in History and Philosophy of Modern Physics*, 35(1):31–43, March 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000893>.

Ashtekar:2015:RBR

- [Ash15a] Abhay Ashtekar. Response to Bryan Roberts: a new perspective on T violation. *Studies in History and Philosophy of Modern Physics*, 52 (part A)(?):16–20, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000641>. See [Rob15b, Rob15a].

Ashtekar:2015:TFP

- [Ash15b] Abhay Ashtekar. Time in fundamental physics. *Studies in History and Philosophy of Modern Physics*, 52 (part A):69–74, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000902>.

Atkinson:2006:DQE

- [Atk06] David Atkinson. Does quantum electrodynamics have an arrow of time? *Studies in History and Philosophy of Modern Physics*, 37(3):528–541, September 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000244>.

Atkinson:2007:LEC

- [Atk07] David Atkinson. Losing energy in classical, relativistic and quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 38(1):170–180, March 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000724>.

Auyang:2001:SFI

- [Auy01] Sunny Y. Auyang. Spacetime as a fundamental and inalienable structure of fields. *Studies in History and Philosophy of Modern Physics*, 32(2):205–215, June 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000065>.

Azhar:2020:EFT

- [Azh20] Feraz Azhar. Effective field theories as a novel probe of fine-tuning of cosmic inflation. *Studies in History and Philosophy of Modern Physics*, 71(??):87–100, August 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981930231X>.

Bacciagaluppi:2007:PAT

- [Bac07] Guido Bacciagaluppi. Probability, arrow of time and decoherence. *Studies in History and Philosophy of Modern Physics*, 38(2):439–456, June 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000238>.

Bachtold:2008:AMO

- [Bäc08] Manuel Bächtold. Are all measurement outcomes “classical”? *Studies in History and Philosophy of Modern Physics*, 39(3):620–633, September 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000191>.

Bain:1998:WTG

- [Bai98] Jonathan Bain. Whitehead’s theory of gravity. *Studies in History and Philosophy of Modern Physics*, 29(4):547–574, December 1998. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219898000227>.

Bain:2000:CIC

- [Bai00] Jonathan Bain. The coordinate-independent 2-component spinor formalism and the conventionality of simultaneity. *Studies in History and Philosophy of Modern Physics*, 31(2):201–226, June 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000337>.

Bain:2004:TNG

- [Bai04] Jonathan Bain. Theories of Newtonian gravity and empirical indistinguishability. *Studies in History and Philosophy of Modern Physics*, 35(3):345–376, September 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000127>.

Bain:2005:QPW

- [Bai05] Jonathan Bain. Quantum processes: a Whiteheadian interpretation of quantum field theory. *Studies in History and Philosophy of Modern Physics*, 36(4):680–690, December 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000432>.

Bain:2011:QFT

- [Bai11] Jonathan Bain. Quantum field theories in classical spacetimes and particles. *Studies in History and Philosophy of Modern Physics*, 42(2):98–106, May 2011. CODEN ???? ISSN 1355-2198 (print),

1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000493>.

Bain:2013:ESC

- [Bai13] Jonathan Bain. The emergence of spacetime in condensed matter approaches to quantum gravity. *Studies in History and Philosophy of Modern Physics*, 44(3):338–345, August 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981200038X>.

Bain:2014:TPQ

- [Bai14] Jonathan Bain. Three principles of quantum gravity in the condensed matter approach. *Studies in History and Philosophy of Modern Physics*, 46 (part B)(?):154–163, May 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000816>.

Bain:2016:EMF

- [Bai16] Jonathan Bain. Emergence and mechanism in the fractional quantum Hall effect. *Studies in History and Philosophy of Modern Physics*, 56(?):27–38, November 2016. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816300399>.

Bain:2019:NLI

- [Bai19] Jonathan Bain. Non-locality in intrinsic topologically ordered systems. *Studies in History and Philosophy of Modern Physics*, 66(?):24–33, May 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817301855>.

Bain:2020:SQE

- [Bai20] Jonathan Bain. Spacetime as a quantum error-correcting code? *Studies in History and Philosophy of Modern Physics*, 71(?):26–36, August 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219819301893>.

Baker:2007:MOP

- [Bak07] David J. Baker. Measurement outcomes and probability in Everettian quantum mechanics. *Studies in History and Phi-*

losophy of Modern Physics, 38(1):153–169, March 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000694>.

Balashov:1998:ERT

- [Bal98] Yuri Balashov. Essay review: Two theories of the universe: Helge Kragh, *Cosmology and Controversy: the Historical Development of Two Theories of the Universe*, (Princeton: Princeton University Press, 1996), xiii + 500 pp., ISBN 0-691-02623-8. \$35.00. *Studies in History and Philosophy of Modern Physics*, 29(1):141–149, March 11, 1998. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897000269>.

Balian:2005:ISP

- [Bal05] Roger Balian. Information in statistical physics. *Studies in History and Philosophy of Modern Physics*, 36(2):323–353, June 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000195>.

Banks:2002:EMN

- [Ban02] Erik C. Banks. Ernst Mach’s “new theory of matter” and his definition of mass. *Studies in History and Philosophy of Modern Physics*, 33(4):605–635, December 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000308>.

Bangu:2008:RMP

- [Ban08] Sorin Bangu. Reifying mathematics? prediction and symmetry classification. *Studies in History and Philosophy of Modern Physics*, 39(2):239–258, May 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807001001>.

Barbour:2001:ETN

- [Bar01] Julian B. Barbour. *The end of time: the next revolution in physics*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 2001. ISBN 0-19-514592-5 (paperback). x + 374 pp. LCCN QC173.59.S65 B374 2001.

Barnum:2003:QIP

- [Bar03] Howard Barnum. Quantum information processing, operational quantum logic, convexity, and the foundations of physics. *Studies in History and Philosophy of Modern Physics*, 34(3):343–379, September 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000339>.

Barrett:2014:EDR

- [Bar14] Jeffrey A. Barrett. Entanglement and disentanglement in relativistic quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 48 (part B)(?):168–174, November 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000884>.

Barbour:2015:DTD

- [Bar15a] Julian Barbour. Does time differ from change? Philosophical appraisal of the problem of time in quantum gravity and in physics: a response. *Studies in History and Philosophy of Modern Physics*, 52 (part A)(?):55–61, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981500026X>.

Barrett:2015:SS

- [Bar15b] Thomas William Barrett. Spacetime structure. *Studies in History and Philosophy of Modern Physics*, 51(?):37–43, August 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000465>.

Barrett:2017:TW

- [Bar17] Jeffrey A. Barrett. Typical worlds. *Studies in History and Philosophy of Modern Physics*, 58(?):31–40, May 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816301769>.

Batterman:1997:MAT

- [Bat97] Robert W. Batterman. ‘into a mist’: Asymptotic theories on a caustic. *Studies in History and Philosophy of Modern*

Physics, 28(3):395–413, September 1997. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897000105>.

Batterman:2003:FCP

- [Bat03] Robert W. Batterman. Falling cats, parallel parking, and polarized light. *Studies in History and Philosophy of Modern Physics*, 34(4): 527–557, December 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000625>.

Batterman:2005:CPB

- [Bat05] Robert W. Batterman. Critical phenomena and breaking drops: Infinite idealizations in physics. *Studies in History and Philosophy of Modern Physics*, 36(2):225–244, June 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000183>.

Everett:2012:EIQ

- [BB12] Jeffrey Alan Barrett and Peter Byrne, editors. *The Everett interpretation of quantum mechanics: collected works 1955–1980 with commentary*. Princeton University Press, Princeton, NJ, USA, 2012. ISBN 0-691-14507-5 (hardcover). xii + 389 pp. LCCN QC174.12 .E96 2012.

Baerdemaeker:2020:JSS

- [BB20] Siska De Baerdemaeker and Nora Mills Boyd. Jump ship, shift gears, or just keep on chugging: Assessing the responses to tensions between theory and evidence in contemporary cosmology. *Studies in History and Philosophy of Modern Physics*, 72(?):205–216, November 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219820301088>.

Baracca:2017:ORF

- [BBD17] Angelo Baracca, Silvio Bergia, and Flavio Del Santo. The origins of the research on the foundations of quantum mechanics (and other critical activities) in Italy during the 1970s. *Studies in History and Philosophy of Modern Physics*, 57(?):66–79, February 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816301174>.

Bub:1996:UTN

- [BC96] Jeffrey Bub and Rob Clifton. A uniqueness theorem for ‘no collapse’ interpretations of quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 27(2):181–219, June 1996. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219895000194>.

Brading:2003:SPP

- [BC03] Katherine Brading and Elena Castellani, editors. *Symmetries in physics: philosophical reflections*. Cambridge University Press, Cambridge, UK, 2003. ISBN 0-521-82137-1. xii + 445 pp. LCCN QC174.17.S9 S984 2003. URL <http://www.loc.gov/catdir/description/cam031/2003041967.html>; <http://www.loc.gov/catdir/enhancements/fy0731/2003041967-b.html>; <http://www.loc.gov/catdir/samples/cam041/2003041967.html>; <http://www.loc.gov/catdir/toc/cam031/2003041967.html>.

Bacciagaluppi:2009:HSP

- [BC09] Guido Bacciagaluppi and Elise Crull. Heisenberg (and Schrödinger, and Pauli) on hidden variables. *Studies in History and Philosophy of Modern Physics*, 40(4):374–382, December 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000501>.

Bub:2000:RPU

- [BCG00] Jeffrey Bub, Rob Clifton, and Sheldon Goldstein. Revised proof of the uniqueness theorem for ‘no collapse’ interpretations of quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 31(1):95–98, March 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000313>.

Bacciagaluppi:2017:JDB

- [BCM17] Guido Bacciagaluppi, Elise Crull, and Owen J. E. Maroney. Jordan’s derivation of blackbody fluctuations. *Studies in History and Philosophy of Modern Physics*, 60(??):23–34, November 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816301940>.

Bub:2010:IP

- [BD10] Jeffrey Bub and Williams Demopoulos. Itamar Pitowsky 1950–2010. *Studies in History and Philosophy of Modern Physics*, 41(2):85, May 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000213>.

Belot:1997:COQ

- [BE97] Gordon Belot and John Earman. Chaos out of order: Quantum mechanics, the correspondence principle and chaos. *Studies in History and Philosophy of Modern Physics*, 28(2):147–182, June 1997. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219896000251>.

Beck:2019:CIP

- [Bec19] Geoff Beck. Causation, information, and physics. *Studies in History and Philosophy of Modern Physics*, 66(??):45–51, May 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818301382>.

Bekenstein:2001:LI

- [Bek01] Jacob D. Bekenstein. The limits of information. *Studies in History and Philosophy of Modern Physics*, 32(4):511–524, December 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980100020X>.

Beklemishev:2006:BRL

- [Bek06] Lev Beklemishev. Book review: Leo Corry, *David Hilbert and the axiomatization of physics (1998–1918)* (2004) Springer, Netherlands ISBN 1-4020-2777-X (513 pp., Euro 160, US\$179, £111, Hardcover). *Studies in History and Philosophy of Modern Physics*, 37(2):388–390, June 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000050>. See [Cor04].

Belousek:1996:EUH

- [Bel96] Darrin W. Belousek. Einstein’s 1927 unpublished hidden-variable theory: Its background, context and significance. *Studies in History and Philosophy of Modern Physics*, 27(4):437–461, December 1996. CODEN ???? ISSN 1355-2198 (print), 1879-2502

(electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219896000159>.

Beller:1997:ASS

- [Bel97a] Mara Beller. ‘against the stream’ — Schrödinger’s interpretation of quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 28(3):421–432, September 1997. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897000129>.

Belousek:1997:PQR

- [Bel97b] Darrin W. Belousek. Perspectives on quantum reality: a critical survey. *Studies in History and Philosophy of Modern Physics*, 28(3):415–420, September 1997. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897000087>.

Beller:1999:QDM

- [Bel99] Mara Beller. *Quantum dialogue: the making of a revolution*. Science and its conceptual foundations. University of Chicago Press, Chicago, IL, USA and London, UK, 1999. ISBN 0-226-04181-6 (hardcover). xv + 365 pp. LCCN QC174.L3 .B45 1999. URL <http://www.loc.gov/catdir/description/uchi052/99035499.html>; <http://www.loc.gov/catdir/toc/uchi052/99035499.html>.

Belot:2003:SGF

- [Bel03] Gordon Belot. Symmetry and gauge freedom. *Studies in History and Philosophy of Modern Physics*, 34(2):189–225, June 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000042>.

Belnap:2007:PP

- [Bel07] Nuel Belnap. Propensities and probabilities. *Studies in History and Philosophy of Modern Physics*, 38(3):593–625, September 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000469>.

Belanger:2013:TMD

- [Bel13] Christopher Belanger. On two mathematical definitions of observational equivalence: Manifest isomorphism and ϵ -congruence re-

considered. *Studies in History and Philosophy of Modern Physics*, 44(2):69–76, May 2013. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219812000573>.

Bennett:2003:NLP

- [Ben03] Charles H. Bennett. Notes on Landauer’s principle, reversible computation, and Maxwell’s Demon. *Studies in History and Philosophy of Modern Physics*, 34(3):501–510, September 2003. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980300039X>.

Berkovitz:1995:WEC

- [Ber95] Joseph Berkovitz. What econometrics cannot teach quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 26(2):163–200, August 1995. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219895000127>.

Berkovitz:1998:AQNa

- [Ber98a] Joseph Berkovitz. Aspects of quantum non-locality I: Superluminal signalling, action-at-a-distance, non-separability and holism. *Studies in History and Philosophy of Modern Physics*, 29(2):183–222, June 1998. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219898000082>.

Berkovitz:1998:AQNb

- [Ber98b] Joseph Berkovitz. Aspects of quantum non-locality II: Superluminal causation and relativity. *Studies in History and Philosophy of Modern Physics*, 29(4):509–545, December 1998. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219898000240>.

Bernstein:2001:IER

- [Ber01] Barton J. Bernstein. Interpreting the elusive Robert Serber: What Serber says and what Serber does not explicitly say. *Studies in History and Philosophy of Modern Physics*, 32(3):443–486, September 2001. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980100017X>.

Berkovitz:2008:PRC

- [Ber08] Joseph Berkovitz. On predictions in retro-causal interpretations of quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 39(4):709–735, November 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000610>.

Bernard:2015:BBP

- [Ber15] Julien Bernard. Becker–Blaschke problem of space. *Studies in History and Philosophy of Modern Physics*, 52 (part B)(?):251–266, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000805>.

Berghofer:2018:OSR

- [Ber18a] Philipp Berghofer. Ontic structural realism and quantum field theory: Are there intrinsic properties at the most fundamental level of reality? *Studies in History and Philosophy of Modern Physics*, 62(??):176–188, May 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817300795>.

Bernard:2018:RHL

- [Ber18b] Julien Bernard. Riemann’s and Helmholtz–Lie’s problems of space from Weyl’s relativistic perspective. *Studies in History and Philosophy of Modern Physics*, 61(??):41–56, ???? 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816300302>.

Bevers:2011:EMW

- [Bev11] Brett Maynard Bevers. Everett’s “many-worlds” proposal. *Studies in History and Philosophy of Modern Physics*, 42(1):3–12, February 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981000078X>.

Bouwmeester:2001:PQI

- [BEZ01] Dirk Bouwmeester, Artur Ekert, and Anton Zeilinger, editors. *The physics of quantum information: Quantum cryptography, quantum*

teleportation, quantum computation. Physics and astronomy online library. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2001. ISBN 3-540-66778-4. xvi + 314 pp. LCCN QA76.889 .P47 2000.

Bub:2003:I

- [BF03] Jeffrey Bub and Christopher A. Fuchs. Introduction. *Studies in History and Philosophy of Modern Physics*, 34(3):339–341, September 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000327>.

Berkovitz:2006:EHR

- [BFK06] Joseph Berkovitz, Roman Frigg, and Fred Kronz. The ergodic hierarchy, randomness and Hamiltonian chaos. *Studies in History and Philosophy of Modern Physics*, 37(4):661–691, December 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000700>.

Bueno:2012:EFS

- [BFL12a] Otávio Bueno, Steven French, and James Ladyman. Empirical factors and structure transference: Returning to the London account. *Studies in History and Philosophy of Modern Physics*, 43(2):95–104, May 2012. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219812000184>.

Bueno:2012:MSP

- [BFL12b] Otávio Bueno, Steven French, and James Ladyman. Models and structures: Phenomenological and partial. *Studies in History and Philosophy of Modern Physics*, 43(1):43–46, February 2012. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000712>.

Bohm:1993:UO

- [BH93] David Bohm and B. J. (Basil J.) Hiley. *The undivided universe: an ontological interpretation of quantum theory*. Routledge & Kegan Paul, London, UK and New York, NY, USA, 1993. ISBN 0-415-06588-7. xii + 397 pp. LCCN QC174.12 .B6326 1993. URL <http://www.loc.gov/catdir/enhancements/fy0916/91021387-d.html>.

Bacciagaluppi:1996:MID

- [BH96] Guido Bacciagaluppi and Meir Hemmo. Modal interpretations, decoherence and measurements. *Studies in History and Philosophy of Modern Physics*, 27(3):239–277, September 1996. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219896000020>.

Butterfield:2003:RKC

- [BH03] J. Butterfield and H. Halvorson. Robert K. Clifton 1964–2002. *Studies in History and Philosophy of Modern Physics*, 34(1):1–3, March 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000849>.

Baker:2013:HSS

- [BH13] David John Baker and Hans Halvorson. How is spontaneous symmetry breaking possible? Understanding Wigner’s theorem in light of unitary inequivalence. *Studies in History and Philosophy of Modern Physics*, 44(4):464–469, November 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000798>.

Barberousse:2013:NMO

- [BI13] Anouk Barberousse and Cyrille Imbert. New mathematics for old physics: the case of lattice fluids. *Studies in History and Philosophy of Modern Physics*, 44(3):231–241, August 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000257>.

Biagioli:2006:GIC

- [Bia06] Mario Biagioli. *Galileo’s instruments of credit: telescopes, images, secrecy*. University of Chicago Press, Chicago, IL, USA and London, UK, 2006. ISBN 0-226-04561-7 (hardcover), 0-226-04562-5. xi + 302 pp. LCCN Q180.55.M67 B53 2006. URL <http://www.loc.gov/catdir/enhancements/fy0662/2005014562-b.html>; <http://www.loc.gov/catdir/enhancements/fy0662/2005014562-d.html>; <http://www.loc.gov/catdir/toc/ecip0514/2005014562.html>.

Biener:2020:DMG

- [Bie20] Zvi Biener. Definitions more geometrarum and Newton's scholium on space and time. *Studies in History and Philosophy of Modern Physics*, 72(?):179–191, November 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219820300927>.

Bigaj:2010:HPS

- [Big10] Tomasz Bigaj. How to (properly) strengthen Bell's theorem using counterfactuals. *Studies in History and Philosophy of Modern Physics*, 41(1):58–66, January 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000689>.

Bigaj:2015:DWD

- [Big15] Tomasz Bigaj. Dissecting weak discernibility of quanta. *Studies in History and Philosophy of Modern Physics*, 50(?):43–53, May 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000210>.

Bigaj:2018:FQR

- [Big18] Tomasz Bigaj. Are field quanta real objects? some remarks on the ontology of quantum field theory. *Studies in History and Philosophy of Modern Physics*, 62(?):145–157, May 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817300692>.

Bishop:2004:NSM

- [Bis04] Robert C. Bishop. Nonequilibrium statistical mechanics Brussels–Austin style. *Studies in History and Philosophy of Modern Physics*, 35(1):1–30, March 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000947>.

Bishop:2010:WC

- [Bis10] Robert C. Bishop. Whence chemistry? *Studies in History and Philosophy of Modern Physics*, 41(2):171–177, May 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic).

(electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000513>.

Bailer-Jones:2000:MEE

- [BJ00] Daniela M. Bailer-Jones. Modelling extended extragalactic radio sources. *Studies in History and Philosophy of Modern Physics*, 31(1):49–74, March 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000283>.

Bailer-Jones:2009:SMP

- [BJ09] Daniela Bailer-Jones. *Scientific models in philosophy of science*. University of Pittsburgh Press, Pittsburgh, PA, USA, 2009. ISBN 0-8229-4376-X (hardcover). x + 235 pp. LCCN Q175 .B163 2009.

Belot:2010:BRA

- [BJ10] Gordon Belot and Lina Jansson. Book review: Alisa Bokulich, *Reexamining the Quantum-Classical Relation: Beyond Reductionism and Pluralism* (2008) Cambridge University Press, Cambridge, ISBN-13 978-0-521-85720-8 pp. x + 195. *Studies in History and Philosophy of Modern Physics*, 41(1):81–83, January 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000549>. See [Bok08].

Blum:2016:DEQ

- [BJ16] Alexander S. Blum and Christian Joas. From dressed electrons to quasiparticles: the emergence of emergent entities in quantum field theory. *Studies in History and Philosophy of Modern Physics*, 53(??):1–8, February 2016. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000945>.

Blum:2017:THH

- [BJLR17] Alexander Blum, Martin Jähnert, Christoph Lehner, and Jürgen Renn. Translation as heuristics: Heisenberg’s turn to matrix mechanics. *Studies in History and Philosophy of Modern Physics*, 60(??):3–22, November 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816301770>.

Barrett:2004:NCF

- [BK04] Jonathan Barrett and Adrian Kent. Non-contextuality, finite precision measurement and the Kochen–Specker theorem. *Studies in History and Philosophy of Modern Physics*, 35(2):151–176, June 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000036>.

Bartels:2004:HPP

- [BLE04] Andreas Bartels, Holger Lyre, and Michael Esfeld. Holism in the philosophy of physics: an introduction. *Studies in History and Philosophy of Modern Physics*, 35(4):597–599, December 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000607>.

Blum:2015:QMW

- [Blu15] Alexander S. Blum. QED and the man who didn't make it: Sidney Dancoff and the infrared divergence. *Studies in History and Philosophy of Modern Physics*, 50(?):70–94, May 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000301>.

Blum:2017:SAI

- [Blu17] Alexander S. Blum. The state is not abolished, it withers away: How quantum field theory became a theory of scattering. *Studies in History and Philosophy of Modern Physics*, 60(?):46–80, November 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816301587>.

Ben-Menahem:1997:DVB

- [BM97] Yemima Ben-Menahem. Dummett vs Bell on quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 28(2):277–290, June 1997. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897000075>.

Ben-Menahem:2001:DD

- [BM01] Yemima Ben-Menahem. Direction and description. *Studies in History and Philosophy of Modern Physics*, 32(4):621–635, December 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502

(electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000193>.

Ben-Menahem:2002:BRB

- [BM02] Yemima Ben-Menahem. Book review: *Quantum theory and the flight from realism*: Christopher Norris, Routledge, London, New York, ix + 266 pp., \$26.00 paperback, ISBN 0-415-22322-9. *Studies in History and Philosophy of Modern Physics*, 33(3):587–591, September 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000229>. See [Nor00a].

Ben-Menahem:2006:C

- [BM06] Yemima Ben-Menahem. *Conventionalism*. Cambridge University Press, Cambridge, UK, 2006. ISBN 0-521-82619-5 (hardcover). x + 330 pp. LCCN B809.15 .B46 2006. URL <http://www.loc.gov/catdir/enhancements/fy0633/2005014333-d.html>; <http://www.loc.gov/catdir/enhancements/fy0732/2005014333-b.html>; <http://www.loc.gov/catdir/toc/ecip0513/2005014333.html>.

Bracken:2014:WQB

- [BM14] A. J. Bracken and G. F. Melloy. Waiting for the quantum bus: the flow of negative probability. *Studies in History and Philosophy of Modern Physics*, 48 (part A)(?):13–19, November 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000999>.

Ben-Menahem:2017:PTW

- [BM17] Yemima Ben-Menahem. The PBR theorem: Whose side is it on? *Studies in History and Philosophy of Modern Physics*, 57 (?):80–88, February 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815300095>.

Ben-Menahem:2001:I

- [BMP01] Yemima Ben-Menahem and Itamar Pitowsky. Introduction. *Studies in History and Philosophy of Modern Physics*, 32(4):503–510, December 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000302>.

Bacciagaluppi:2008:P

- [BMP08] Guido Bacciagaluppi, David Miller, and Huw Price. Preface. *Studies in History and Philosophy of Modern Physics*, 39(4):705–708, November 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000762>.

Brown:2009:BTB

- [BMU09] Harvey R. Brown, Wayne Myrvold, and Jos Uffink. Boltzmann's \mathcal{H} -theorem, its discontents, and the birth of statistical mechanics. *Studies in History and Philosophy of Modern Physics*, 40(2):174–191, May 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000124>.

Boge:2019:BMW

- [Bog19] Florian J. Boge. The best of many worlds, or, is quantum decoherence the manifestation of a disposition? *Studies in History and Philosophy of Modern Physics*, 66(?):135–144, May 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818300583>.

Bokulich:2004:OCD

- [Bok04] Alisa Bokulich. Open or closed? Dirac, Heisenberg, and the relation between classical and quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 35(3):377–396, September 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000139>.

Bokulich:2008:RQC

- [Bok08] Alisa Bokulich. *Reexamining the quantum-classical relation: beyond reductionism and pluralism*. Cambridge University Press, Cambridge, UK, 2008. ISBN 0-521-85720-1. x + 195 pp. LCCN QA805 .B685 2008. URL <http://www.loc.gov/catdir/enhancements/fy0834/2008018902-b.html>; <http://www.loc.gov/catdir/enhancements/fy0834/2008018902-d.html>; <http://www.loc.gov/catdir/enhancements/fy0834/2008018902-t.html>.

Bokulich:2010:BRK

- [Bok10] Alisa Bokulich. Book review: Kristian Camilleri, *Heisenberg and the Interpretation of Quantum Mechanics: The Physicist as Philosopher* (2009) Kristian Camilleri, Cambridge University Press, Cambridge, ISBN-13 978-0-521-88484-6 pp. xii + 199. *Studies in History and Philosophy of Modern Physics*, 41(4):368–370, November 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981000047X>. See [Cam09a].

Bokulich:2017:CWP

- [Bok17] Peter Bokulich. Complementarity, wave-particle duality, and domains of applicability. *Studies in History and Philosophy of Modern Physics*, 59(??):136–142, August 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817301028>.

Bondi:1995:HCW

- [Bon95] Hermann Bondi. How clever are we? *Studies in History and Philosophy of Modern Physics*, 26(3):333–337, December 1995. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219895000143>.

Borrelli:2009:ESR

- [Bor09] Arianna Borrelli. The emergence of selection rules and their encounter with group theory, 1913–1927. *Studies in History and Philosophy of Modern Physics*, 40(4):327–337, December 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000252>.

Borrelli:2012:CCH

- [Bor12] Arianna Borrelli. The case of the composite Higgs: the model as a “Rosetta stone” in contemporary high-energy physics. *Studies in History and Philosophy of Modern Physics*, 43(3):195–214, August 2012. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219812000378>.

Borrelli:2017:UIE

- [Bor17] Arianna Borrelli. The uses of isospin in early nuclear and particle physics. *Studies in History and Philosophy of Modern Physics*, 60 (??):81–94, November 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816301381>.

Bostrom:2002:ABO

- [Bos02] Nick Bostrom. *Anthropic bias: observation selection effects in science and philosophy*. Studies in philosophy. Routledge & Kegan Paul, London, UK and New York, NY, USA, 2002. ISBN 0-415-93858-9. xiii + 224 pp. LCCN BD241 .B657 2002. URL <http://www.loc.gov/catdir/enhancements/fy0647/2001058887-d.html>.

Bottazzini:2014:WRP

- [Bot14] Umberto Bottazzini. Weierstrass as a reader of Poincaré’s early works. *Studies in History and Philosophy of Modern Physics*, 47 (??):118–123, August 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000549>.

Brading:2008:HBP

- [BR08] K. A. Brading and T. A. Ryckman. Hilbert’s *Foundations of Physics*: Gravitation and electromagnetism within the axiomatic method. *Studies in History and Philosophy of Modern Physics*, 39 (1):102–153, January 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000780>.

Brading:2002:WSN

- [Bra02] Katherine A. Brading. Which symmetry? Noether, Weyl, and conservation of electric charge. *Studies in History and Philosophy of Modern Physics*, 33(1):3–22, March 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000338>.

Brandenberger:2014:DWT

- [Bra14] Robert Brandenberger. Do we have a theory of early universe cosmology? *Studies in History and Philosophy of Modern Physics*, 46((Part A)):109–121, May 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S1355219813000828>.

Bradley:2017:DEP

- [Bra17] Darren Bradley. Deutsch on the epistemic problem in Everettian Quantum Theory. *Studies in History and Philosophy of Modern Physics*, 57(??):111–114, February 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816301447>.

Brading:2019:NRC

- [Bra19] Katherine Brading. A note on rods and clocks in Newton’s *Principia*. *Studies in History and Philosophy of Modern Physics*, 67(??):160–166, August 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981730120X>.

Breuer:1997:WTE

- [Bre97] Thomas Breuer. What theories of everything don’t tell. *Studies in History and Philosophy of Modern Physics*, 28(1):137–143, March 1997. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897855396>.

Brown:1996:BRS

- [Bro96] Laurie M. Brown. Book review: Some QED myths-in-the-making?: Silvan S. Schweber, *QED and the Men Who Made It: Dyson, Feynman, Schwinger and Tomonaga* (Princeton University Press, 1994), xxvii + 732 pp., ISBN 0-691-03685-3, 0-691-03327-7 (paperback). *Studies in History and Philosophy of Modern Physics*, 27(1):81–90, March 1996. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219895000232>. See [Sch94].

Brown:1997:RW

- [Bro97] Harvey Brown. Robert Weingard 1942–1996. *Studies in History and Philosophy of Modern Physics*, 28(1):145–146, March 1997. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897855402>.

Brown:2002:BRB

- [Bro02a] Laurie M. Brown. Book review: *Controversy and consensus in nuclear beta decay 1911–1934* by Carsten Jensen: Finn Aaserud, Helge Kragh, Erik Rüdinger, Roger H. Stuewer (Eds.), Birkhäuser-Verlag, Basel, 2000, xv + 217 pp., US \$79.95, ISBN 3-7643-5319-8. *Studies in History and Philosophy of Modern Physics*, 33(2): 366–368, June 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000114>. See [Jen00].

Brown:2002:CEO

- [Bro02b] Laurie M. Brown. The Compton effect as one path to QED. *Studies in History and Philosophy of Modern Physics*, 33(2):211–249, June 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000059>.

Brown:2006:BRC

- [Bro06] Laurie M. Brown. Book review: Cathryn Carson, David A. Hollinger, Editors, *Reappraising Oppenheimer, Centennial Studies and Reflections* (2005) Office for History of Science and Technology, University of California, Berkeley ISBN 0-9672617-3-2 (xii + 413 pp., US\$14.00 Paperback). *Studies in History and Philosophy of Modern Physics*, 37(4):745–747, December 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000657>. See [CH05].

Brown:2007:BRE

- [Bro07] Harvey R. Brown. Book review: A. Elitzur, S. Dolev, N. Kolenda, Editors, *Quo Vadis Quantum Mechanics?* (2005) Springer, Berlin, Heidelberg, New York, ISBN 3-540-22188-3 (61 figs., 421 pp., \$59.95, Hardcover). *Studies in History and Philosophy of Modern Physics*, 38(4):979–982, December 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000992>. See [EDK05].

Brown:2014:QF

- [Bro14] Matthew J. Brown. Quantum frames. *Studies in History and Philosophy of Modern Physics*, 45(?):1–10, February 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S1355219813000919>.

Buttner:2003:ELC

- [BRS03] Jochen Büttner, Jürgen Renn, and Matthias Schemmel. Exploring the limits of classical physics: Planck, Einstein, and the structure of a scientific revolution. *Studies in History and Philosophy of Modern Physics*, 34(1):37–59, March 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980200031X>.

Brusse:2016:PPC

- [Bru16] Carl Brusse. Planets, pluralism, and conceptual lineage. *Studies in History and Philosophy of Modern Physics*, 53(??):93–106, February 2016. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000970>.

Busch:1996:IQM

- [BS96] Paul Busch and Abner Shimony. Insolubility of the quantum measurement problem for unsharp observables. *Studies in History and Philosophy of Modern Physics*, 27(4):397–404, December 1996. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219896000123>.

Brown:2001:OTA

- [BU01] Harvey R. Brown and Jos Uffink. The origins of time-asymmetry in thermodynamics: The Minus First Law. *Studies in History and Philosophy of Modern Physics*, 32(4):525–538, December 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000211>.

Bub:2000:QMP

- [Bub00] Jeffrey Bub. Quantum mechanics as a principle theory. *Studies in History and Philosophy of Modern Physics*, 31(1):75–94, March 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000325>.

Bub:2001:MDT

- [Bub01] Jeffrey Bub. Maxwell's Demon and the thermodynamics of computation. *Studies in History and Philosophy of Modern Physics*, 32(4):569–579, December 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000235>.

Bub:2004:I

- [Bub04a] J. Bub. Introduction. *Studies in History and Philosophy of Modern Physics*, 35(2):143–149, June 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000097>.

Bub:2004:WQ

- [Bub04b] Jeffrey Bub. Why the quantum? *Studies in History and Philosophy of Modern Physics*, 35(2):241–266, June 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980400005X>.

Bub:2007:QPD

- [Bub07] Jeffrey Bub. Quantum probabilities as degrees of belief. *Studies in History and Philosophy of Modern Physics*, 38(2):232–254, June 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000275>.

Bub:2020:DSW

- [Bub20] Jeffrey Bub. In defense of a “single-world” interpretation of quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 72(??):251–255, November 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817301788>.

Buchwald:2001:RM

- [Buc01] Jed Buchwald. Reply to Mattingly. *Studies in History and Philosophy of Modern Physics*, 32(1):77–79, March 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219800000356>.

Budden:1997:SMS

- [Bud97] Tim Budden. A star in the Minkowskian sky: Anisotropic special relativity. *Studies in History and Philosophy of Modern Physics*, 28(3):325–361, September 1997. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897808945>.

Bueno:2005:DDM

- [Bue05] Otávio Bueno. Dirac and the dispensability of mathematics. *Studies in History and Philosophy of Modern Physics*, 36(3):465–490, September 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000377>.

Bursten:2018:CSI

- [Bur18] Julia R. Bursten. Conceptual strategies and inter-theory relations: The case of nanoscale cracks. *Studies in History and Philosophy of Modern Physics*, 62(??):158–165, May 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981730045X>.

Busch:2002:CVQ

- [Bus02] P. Busch. Classical versus quantum ontology. *Studies in History and Philosophy of Modern Physics*, 33(3):517–539, September 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000230>.

Busch:2009:BR

- [Bus09] Paul Busch. Book review. *Studies in History and Philosophy of Modern Physics*, 40(1):92–93, January 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000579>.

Butterfield:1999:AT

- [But99] Jeremy Butterfield, editor. *The arguments of time*. Published for the British Academy by Oxford University Press, Oxford, UK, 1999. ISBN 0-19-726207-4. xvi + 253 pp. LCCN BD638 .A74 1999. URL <http://www.loc.gov/catdir/enhancements/fy0608/00697736-d.html>; <http://www.loc.gov/catdir/enhancements/fy0608/00697736-t.html>.

Butterfield:2014:UDC

- [But14] Jeremy Butterfield. On under-determination in cosmology. *Studies in History and Philosophy of Modern Physics*, 46((Part A)): 57–69, May 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000476>.

Butterfield:2015:AMI

- [But15] Jeremy Butterfield. Assessing the Montevideo interpretation of quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 52 (part A)(?):75–85, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000513>.

Balashov:2002:ESR

- [BV02] Yuri Balashov and Vladimir Pavlovich Vizgin, editors. *Einstein studies in Russia*, volume 10 of *Einstein studies*. Birkhäuser, Cambridge, MA, USA; Berlin, Germany; Basel, Switzerland, 2002. ISBN 0-8176-4263-3, 3-7643-4263-3. xii + 314 pp. LCCN QC16.E5 E518 2002. URL <ftp://uiarchive.cso.uiuc.edu/pub/etext/gutenberg/>; <http://www.loc.gov/catdir/toc/fy031/2002018301.html>.

Carcassi:2020:HMC

- [CA20] Gabriele Carcassi and Christine A. Aidala. Hamiltonian mechanics is conservation of information entropy. *Studies in History and Philosophy of Modern Physics*, 71(??):60–71, August 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219819300176>.

Callender:2001:TTT

- [Cal01] Craig Callender. Taking thermodynamics too seriously. *Studies in History and Philosophy of Modern Physics*, 32(4):539–553, December 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000259>.

Callender:2004:BRB

- [Cal04] Craig Callender. Book review: *The logic of thermostistical physics*. Gérard Emch and Chuang Liu, Springer, Berlin, 2002,

pp. 703 + ix, price US \$99 hardback, ISBN 3-540-41379-0. *Studies in History and Philosophy of Modern Physics*, 35(3):541–544, September 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000310>. See [EL02].

Callender:2005:ASQ

- [Cal05] Craig Callender. Answers in search of a question: ‘proofs’ of the tri-dimensionality of space. *Studies in History and Philosophy of Modern Physics*, 36(1):113–136, March 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000802>.

Callender:2007:EIP

- [Cal07] Craig Callender. The emergence and interpretation of probability in Bohmian mechanics. *Studies in History and Philosophy of Modern Physics*, 38(2):351–370, June 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000299>.

Calosi:2015:RIS

- [Cal15] Claudio Calosi. The relativistic invariance of 4D-shapes. *Studies in History and Philosophy of Modern Physics*, 50(??):1–4, May 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000076>.

Campisi:2005:MFT

- [Cam05] Michele Campisi. On the mechanical foundations of thermodynamics: The generalized Helmholtz theorem. *Studies in History and Philosophy of Modern Physics*, 36(2):275–290, June 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000171>.

Camilleri:2006:HWP

- [Cam06] Kristian Camilleri. Heisenberg and the wave-particle duality. *Studies in History and Philosophy of Modern Physics*, 37(2):298–315, June 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000025>.

Camilleri:2007:BHD

- [Cam07] Kristian Camilleri. Bohr, Heisenberg and the divergent views of complementarity. *Studies in History and Philosophy of Modern Physics*, 38(3):514–528, September 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980600092X>.

Campisi:2008:SMP

- [Cam08] Michele Campisi. Statistical mechanical proof of the second law of thermodynamics based on volume entropy. *Studies in History and Philosophy of Modern Physics*, 39(1):181–194, January 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000974>.

Camilleri:2009:HIQ

- [Cam09a] Kristian Camilleri. *Heisenberg and the interpretation of quantum mechanics: the physicist as philosopher*. Cambridge University Press, Cambridge, UK, 2009. ISBN 0-521-88484-5 (hardcover). xii + 199 pp. LCCN QC16.H395 .C34 2009. URL <http://www.loc.gov/catdir/toc/ecip0825/2008034113.html>.

Camilleri:2009:HED

- [Cam09b] Kristian Camilleri. A history of entanglement: Decoherence and the interpretation problem. *Studies in History and Philosophy of Modern Physics*, 40(4):290–302, December 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000562>.

Cao:1999:CFQ

- [Cao99] Tian Yu Cao, editor. *Conceptual foundations of quantum field theory*. Cambridge University Press, Cambridge, UK, 1999. ISBN 0-521-63152-1 (hardcover). xix + 399 pp. LCCN QC174.45.A1 C646 1999. URL <http://www.loc.gov/catdir/description/cam029/98024394.html>; <http://www.loc.gov/catdir/samples/cam032/98024394.html>; <http://www.loc.gov/catdir/toc/cam021/98024394.html>.

Cao:2001:PCF

- [Cao01] Tian Yu Cao. Prerequisites for a consistent framework of quantum gravity. *Studies in History and Philosophy of Modern Physics*, 32

(2):181–204, June 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980100003X>.

Carson:1996:PNEa

- [Car96a] Cathryn Carson. The peculiar notion of exchange forces — I: Origins in quantum mechanics, 1926–1928. *Studies in History and Philosophy of Modern Physics*, 27(1):23–45, March 1996. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/1355219895000216>.

Carson:1996:PNEb

- [Car96b] Cathryn Carson. The peculiar notion of exchange forces — II: From nuclear forces to QED, 1929–1950. *Studies in History and Philosophy of Modern Physics*, 27(2):99–131, June 1996. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/1355219895000038>.

Cartwright:2001:RA

- [Car01] Nancy Cartwright. Reply to Anderson. *Studies in History and Philosophy of Modern Physics*, 32(3):495–497, September 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000120>.

Carlip:2014:CEG

- [Car14] Steven Carlip. Challenges for emergent gravity. *Studies in History and Philosophy of Modern Physics*, 46 (part B)(?):200–208, May 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219812000664>.

Castellani:1998:IBC

- [Cas98] Elena Castellani, editor. *Interpreting bodies: classical and quantum objects in modern physics*. Princeton University Press, Princeton, NJ, USA, 1998. ISBN 0-691-01724-7 (hardcover), 0-691-01725-5 (paperback). viii + 329 pp. LCCN QC6 .I637 1998. URL <http://www.loc.gov/catdir/description/prin021/98017178.html>; <http://www.loc.gov/catdir/toc/prin032/98017178.html>.

Castellani:2002:REE

- [Cas02] Elena Castellani. Reductionism, emergence, and effective field theories. *Studies in History and Philosophy of Modern Physics*, 33(2):251–267, June 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000035>.

Castellani:2017:DPD

- [Cas17] Elena Castellani. Duality and ‘particle’ democracy. *Studies in History and Philosophy of Modern Physics*, 59(?):100–108, August 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816000137>.

Cat:2001:UMM

- [Cat01] Jordi Cat. On understanding: Maxwell on the methods of illustration and scientific metaphor. *Studies in History and Philosophy of Modern Physics*, 32(3):395–441, September 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000181>.

Catren:2008:GFC

- [Cat08] Gabriel Catren. Geometric foundations of classical Yang–Mills theory. *Studies in History and Philosophy of Modern Physics*, 39(3):511–531, September 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000166>.

Catren:2018:KWP

- [Cat18] Gabriel Catren. Klein–Weyl’s program and the ontology of gauge and quantum systems. *Studies in History and Philosophy of Modern Physics*, 61(?):25–40, ???? 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816300351>.

Caulton:2015:RSI

- [Cau15] Adam Caulton. The role of symmetry in the interpretation of physical theories. *Studies in History and Philosophy of Modern Physics*, 52 (part B)(?):153–162, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic).

(electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000635>.

Corbett:2009:CPQ

- [CD09] John Vincent Corbett and Thomas Durt. Collimation processes in quantum mechanics interpreted in quantum real numbers. *Studies in History and Philosophy of Modern Physics*, 40(1):68–83, January 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000774>.

Cercignani:1998:LBM

- [Cer98] Carlo Cercignani. *Ludwig Boltzmann: the man who trusted atoms*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 1998. ISBN 0-19-850154-4 (hardcover), 0-19-857064-3 (paperback). xvi + 329 pp. LCCN QC16.B64 C47 1998. URL <http://www.loc.gov/catdir/enhancements/fy0605/98017743-d.html>; <http://www.loc.gov/catdir/enhancements/fy0605/98017743-t.html>. Foreword by Roger Penrose.

Caves:2007:SPQ

- [CFS07] Carlton M. Caves, Christopher A. Fuchs, and Rüdiger Schack. Subjective probability and quantum certainty. *Studies in History and Philosophy of Modern Physics*, 38(2):255–274, June 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000354>.

Costantini:1997:PFE

- [CG97] Domenico Costantini and Ubaldo Garibaldi. A probabilistic foundation of elementary particle statistics. Part I. *Studies in History and Philosophy of Modern Physics*, 28(4):483–506, December 1997. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897000142>.

Costantini:1998:PFE

- [CG98] Domenico Costantini and Ubaldo Garibaldi. A probabilistic foundation of elementary particle statistics. Part II. *Studies in History and Philosophy of Modern Physics*, 29(1):37–59, March 11, 1998. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897000245>.

Callender:2001:PMP

- [CH01a] Craig Callender and Nick Huggett, editors. *Physics meets philosophy at the Planck scale: contemporary theories in quantum gravity*. Cambridge University Press, Cambridge, UK, 2001. ISBN 0-521-66280-X (hardcover), 0-521-66445-4 (paperback). x + 365 pp. LCCN QC178 .P48 2001. URL <http://www.loc.gov/catdir/description/cam021/00050775.html>; <http://www.loc.gov/catdir/toc/cam021/00050775.html>.

Clifton:2001:EOS

- [CH01b] Rob Clifton and Hans Halvorson. Entanglement and open systems in algebraic quantum field theory. *Studies in History and Philosophy of Modern Physics*, 32(1):1–31, March 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980000332>.

Carson:2005:ROC

- [CH05] Cathryn Carson and David A. Hollinger, editors. *Reappraising Oppenheimer: centennial studies and reflections*, volume 21 of *Berkeley papers in history of science*. Office for History of Science and Technology, Berkeley, CA, USA, 2005. ISBN 0-9672617-3-2. xii + 413 pp. LCCN QC16.O62 R47 2005.

Chang:1995:QCR

- [Cha95] Hasok Chang. The quantum counter-revolution: Internal conflicts in scientific change. *Studies in History and Philosophy of Modern Physics*, 26(2):121–136, August 1995. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219895000100>.

Chang:2002:BRB

- [Cha02] Hasok Chang. Book review: *Seeking ultimates: an intuitive guide to physics*: Peter T. Landsberg, Institute of Physics Publishing, Bristol and Philadelphia, 2000, 328 pp., US \$34.99 pbk, ISBN 0-7503-0657-2. *Studies in History and Philosophy of Modern Physics*, 33(2):368–371, June 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000126>. See [Lan00].

Chall:2018:DDN

- [Cha18] Cristin Chall. Doubts for Dawid’s non-empirical theory assessment. *Studies in History and Philosophy of Modern Physics*, 63

(?):123–127, August 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817300722>.

Chen:1999:IUO

- [Che99] Xiang Chen. Instrumental unification: Optical apparatus in the unification of dispersion and selective absorption. *Studies in History and Philosophy of Modern Physics*, 30(4):519–542, December 1999. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000209>.

Chen:2020:NEM

- [Che20] Elliott D. Chen. Newton’s early metaphysics of body: Impenetrability, action at a distance, and essential gravity. *Studies in History and Philosophy of Modern Physics*, 72(?):192–204, November 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219820300952>.

Castagnino:2004:SID

- [CL04] Mario Castagnino and Olimpia Lombardi. Self-induced decoherence: a new approach. *Studies in History and Philosophy of Modern Physics*, 35(1):73–107, March 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980300087X>.

Castagnino:2007:NIM

- [CL07] Mario Castagnino and Olimpia Lombardi. Non-integrability and mixing in quantum systems: On the way to quantum chaos. *Studies in History and Philosophy of Modern Physics*, 38(3):482–513, September 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000864>.

Cassini:2019:ERF

- [CL19] Alejandro Cassini and Marcelo Leonardo Levinas. Einstein’s reinterpretation of the Fizeau experiment: How it turned out to be crucial for special relativity. *Studies in History and Philosophy of Modern Physics*, 65(?):55–72, February 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816302131>.

Cloud:2000:COR

- [Clo00] John Cloud. Crossing the Olentangy River: The figure of the Earth and the military–industrial–academic–complex, 1947–1972. *Studies in History and Philosophy of Modern Physics*, 31(3):371–404, September 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980000174>.

Calosi:2020:QRI

- [CM20] Claudio Calosi and Cristian Mariani. Quantum relational indeterminacy. *Studies in History and Philosophy of Modern Physics*, 71(??):158–169, August 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219820300940>.

Conroy:2012:RFI

- [Con12] Christina Conroy. The relative facts interpretation and Everett’s note added in proof. *Studies in History and Philosophy of Modern Physics*, 43(2):112–120, May 2012. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219812000196>.

Conroy:2018:EA

- [Con18] Christina Conroy. Everettian actualism. *Studies in History and Philosophy of Modern Physics*, 63(??):12–23, August 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816301988>.

Corfield:2002:BRB

- [Cor02] David Corfield. Book review: *Conceptual mathematics: a first introduction to categories*: F. William Lawvere and Stephen H. Schanuel, Cambridge University Press, Cambridge, 1997 (reprinted with corrections 1998), xvi + 358 pp., index, hbk, ISBN 0-521-47249-0, pbk, ISBN 0-521-48717-0. *Studies in History and Philosophy of Modern Physics*, 33(2):359–366, June 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000096>. See [LS97].

Corry:2004:DHA

- [Cor04] Leo Corry. *David Hilbert and the Axiomatization of Physics (1898–1918): From Grundlagen der Geometrie to Grundlagen der Physik*, volume 10 of *Archimedes: New Studies in the History and Philosophy of Science and Technology*. Springer Netherlands, Dordrecht, The Netherlands, 2004. ISBN 1-4020-2777-X (hardcover), 1-4020-2778-8 (e-book). ISSN 1385-0180 (print), 2215-0064 (electronic). xvii + 513 pp. LCCN QA29.H5 C67 2004. URL <http://www.loc.gov/catdir/enhancements/fy0823/2006280837-d.html>; <http://www.loc.gov/catdir/enhancements/fy0823/2006280837-t.html>.

Corry:2015:RME

- [Cor15] Richard Corry. Retrocausal models for EPR. *Studies in History and Philosophy of Modern Physics*, 49(??):1–9, February 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981400121X>.

Corfield:2017:DCT

- [Cor17] David Corfield. Duality as a category-theoretic concept. *Studies in History and Philosophy of Modern Physics*, 59(??):55–61, August 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000568>.

Cachro:2002:CME

- [CP02] Jacek Cachro and Tomasz Placek. On Cartwright’s models for EPR. *Studies in History and Philosophy of Modern Physics*, 33(3): 413–433, September 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1369848602000055>.

Cirkovic:2018:AEC

- [ČP18] Milan M. Ćirković and Slobodan Perović. Alternative explanations of the cosmic microwave background: A historical and an epistemological perspective. *Studies in History and Philosophy of Modern Physics*, 62(??):1–18, May 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816302039>.

Curiel:2020:P

- [CPW20] Erik Curiel, Tom Pashby, and James Weatherall. Preface. *Studies in History and Philosophy of Modern Physics*, 72(?):150–151, November 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521982030112X>.

Crowther:2014:IPQ

- [CR14] Karen Crowther and Dean Rickles. Introduction: Principles of quantum gravity. *Studies in History and Philosophy of Modern Physics*, 46 (part B(?):135–141, May 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000021>.

Camilleri:2015:RHA

- [CR15] Kristian Camilleri and Sophie Ritson. The role of heuristic appraisal in conflicting assessments of string theory. *Studies in History and Philosophy of Modern Physics*, 51(?):44–56, August 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000490>.

Castellani:2017:ISI

- [CR17] Elena Castellani and Dean Rickles. Introduction to special issue on dualities. *Studies in History and Philosophy of Modern Physics*, 59(?):1–5, August 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816301666>.

Craig:2001:TMR

- [Cra01] William Lane Craig, editor. *Time and the metaphysics of relativity*, volume 84 of *Philosophical studies series*. Kluwer Academic Publishers, Norwell, MA, USA, and Dordrecht, The Netherlands, 2001. ISBN 0-7923-6668-9. xi + 279 pp. LCCN BD638 .T545 2001. URL <http://www.loc.gov/catdir/enhancements/fy0823/00047807-d.html>; <http://www.loc.gov/catdir/enhancements/fy0823/00047807-t.html>.

Cretu:2020:DDA

- [Cre20] Ana-Maria Cretu. Diagnosing disagreements: the authentication of the positron 1931–1934. *Studies in History and Phi-*

losophy of Modern Physics, 70(??):28–38, May 2020. CODEN ????. ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818301709>.

Crowther:2013:ESA

- [Cro13] Karen Crowther. Emergent spacetime according to effective field theory: From top-down and bottom-up. *Studies in History and Philosophy of Modern Physics*, 44(3):321–328, August 2013. CODEN ????. ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219812000548>.

Crowther:2018:ITR

- [Cro18] Karen Crowther. Inter-theory relations in quantum gravity: Correspondence, reduction, and emergence. *Studies in History and Philosophy of Modern Physics*, 63(??):65–73, August 2018. CODEN ????. ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817300461>.

Camilleri:2015:NBP

- [CS15] Kristian Camilleri and Maximilian Schlosshauer. Niels Bohr as philosopher of experiment: Does decoherence theory challenge Bohr’s doctrine of classical concepts? *Studies in History and Philosophy of Modern Physics*, 49(??):73–83, February 2015. CODEN ????. ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000064>.

Cuffaro:2010:KFC

- [Cuf10] Michael Cuffaro. The Kantian framework of complementarity. *Studies in History and Philosophy of Modern Physics*, 41(4):309–317, November 2010. CODEN ????. ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000250>.

Cuffaro:2012:MWC

- [Cuf12] Michael E. Cuffaro. Many worlds, the cluster-state quantum computer, and the problem of the preferred basis. *Studies in History and Philosophy of Modern Physics*, 43(1):35–42, February 2012. CODEN ????. ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000694>.

Cuffaro:2020:ICT

- [Cuf20] Michael E. Cuffaro. Information causality, the Tsirelson bound, and the ‘being-thus’ of things. *Studies in History and Philosophy of Modern Physics*, 72(?):266–277, November 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981730182X>.

Cunningham:2014:BEI

- [Cun14] Arthur J. Cunningham. Branches in the Everett interpretation. *Studies in History and Philosophy of Modern Physics*, 46 (part B) (?):247–262, May 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000203>.

Curiel:2019:GON

- [Cur19] Erik Curiel. On geometric objects, the non-existence of a gravitational stress-energy tensor, and the uniqueness of the Einstein field equation. *Studies in History and Philosophy of Modern Physics*, 66(?):90–102, May 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818301357>.

Cushing:1994:QMH

- [Cus94] James T. Cushing. *Quantum mechanics: historical contingency and the Copenhagen hegemony*. Science and its conceptual foundations. University of Chicago Press, Chicago, IL, USA and London, UK, 1994. ISBN 0-226-13202-1, 0-226-13204-8 (paperback). xvi + 317 pp. LCCN QC173.98 .C87 1994. URL <http://www.loc.gov/catdir/description/uchi051/94008427.html>; <http://www.loc.gov/catdir/toc/uchi051/94008427.html>.

Cushing:2001:TQM

- [Cus01] James T. Cushing. Testing quantum mechanics on new ground. *Studies in History and Philosophy of Modern Physics*, 32(1): 131–134, March 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980000071>.

Callender:2000:TCU

- [CW00] Craig Callender and Robert Weingard. Topology change and the unity of space. *Studies in History and Philos-*

ophy of Modern Physics, 31(2):227–246, June 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980000034>.

D'Agostino:2000:HIT

- [D'A00] Salvo D'Agostino. *A History of the Ideas of Theoretical Physics: Essays on the Nineteenth and Twentieth Century Physics*, volume 213 of *Boston Studies in the Philosophy of Science*. Kluwer Academic Publishers, Norwell, MA, USA, and Dordrecht, The Netherlands, 2000. ISBN 0-7923-6094-X, 94-010-9034-3. ISSN 0068-0346. xviii + 381 pp. LCCN Q174 .B67 no. 213. URL <https://link.springer.com/book/10.1007/978-94-010-9034-6>.

D'Abramo:2012:PSS

- [D'A12] Germano D'Abramo. The peculiar status of the second law of thermodynamics and the quest for its violation. *Studies in History and Philosophy of Modern Physics*, 43(4):226–235, November 2012. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219812000421>.

Dahan:2010:PES

- [Dah10] Amy Dahan. Putting the Earth System in a numerical box? The evolution from climate modeling toward global change. *Studies in History and Philosophy of Modern Physics*, 41(3):282–292, September 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000511>.

Danne:2020:HMR

- [Dan20] Nicholas Danne. How to make reflectance a surface property. *Studies in History and Philosophy of Modern Physics*, 70(?):19–27, May 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219819300486>.

Darrigol:1995:HPC

- [Dar95] Olivier Darrigol. Henri Poincaré's criticism of Fin De Siècle electrodynamics. *Studies in History and Philosophy of Modern Physics*, 26(1):1–44, April 1995. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521989500003C>.

Darrigol:1999:BBE

- [Dar99] Olivier Darrigol. Baconian bees in the electromagnetic fields: Experimenter–theorists in Nineteenth-Century electrodynamics. *Studies in History and Philosophy of Modern Physics*, 30(3):307–345, September 1999. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000027>.

Darrigol:2000:EAE

- [Dar00] Olivier Darrigol. *Electrodynamics from Ampère to Einstein*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 2000. ISBN 0-19-850594-9. xix + 532 pp. LCCN 0.2dar a0165 a4100.

Darrigol:2005:WFH

- [Dar05] Olivier Darrigol. *Worlds of flow: a history of hydrodynamics from the Bernoullis to Prandtl*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 2005. ISBN 0-19-856843-6. xiv + 356 pp. LCCN QC151 .D25 2005. URL <http://www.loc.gov/catdir/enhancements/fy0637/2005019636-d.html>; <http://www.loc.gov/catdir/enhancements/fy0724/2005019636-b.html>; <http://www.loc.gov/catdir/toc/ecip0515/2005019636.html>.

Darrigol:2007:NTL

- [Dar07] Olivier Darrigol. On the necessary truth of the laws of classical mechanics. *Studies in History and Philosophy of Modern Physics*, 38(4):757–800, December 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980600102X>.

Darrigol:2009:SGQ

- [Dar09] Olivier Darrigol. A simplified genesis of quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 40(2):151–166, May 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000100>.

Darrigol:2015:MME

- [Dar15a] Olivier Darrigol. Mesh and measure in early general relativity. *Studies in History and Philosophy of Modern Physics*, 52 (part B)(?):163–187, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000477>.

Darrigol:2015:SCL

- [Dar15b] Olivier Darrigol. ‘Shut up and comtemplatel’: Lucien Hardy’s reasonable axioms for quantum theory. *Studies in History and Philosophy of Modern Physics*, 52 (part B)(?):328–342, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981500091X>.

Darrigol:2019:FSE

- [Dar19] Olivier Darrigol. Frames and stresses in Einstein’s quest for a generalized theory of relativity. *Studies in History and Philosophy of Modern Physics*, 68(?):126–157, November 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818301217>.

Dascal:2020:WLN

- [Das20] Michael Dascal. What’s left for the neo-Copenhagen theorist. *Studies in History and Philosophy of Modern Physics*, 72(?):310–321, November 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981830220X>.

Davies:2003:QMD

- [Dav03] E. B. Davies. Quantum mechanics does not require the continuity of space. *Studies in History and Philosophy of Modern Physics*, 34(2):319–328, June 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000030>.

Dawid:2017:SDE

- [Daw17] Richard Dawid. String dualities and empirical equivalence. *Studies in History and Philosophy of Modern Physics*, 59(?):21–29, August 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816300958>.

deCourtenay:2002:BRL

- [dC02] N. de Courtenay. Book review: Ludwig Boltzmann — *The Man Who Trusted Atoms*: Cercignani, Carlo, Oxford University Press, Oxford, 1998, 348 pp., price US \$60.00, UK £29.50

hardback, ISBN 0-19-850154-4. *Studies in History and Philosophy of Modern Physics*, 33(1):125–128, March 2002. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000417>. See [Cer98].

Bianchi:2018:ISI

- [DC18] Silvia De Bianchi and Gabriel Catren. Introduction to the special issue Hermann Weyl and the philosophy of the ‘New Physics’. *Studies in History and Philosophy of Modern Physics*, 61(??):1–5, ????? 2018. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817301041>.

daCosta:2005:BRB

- [dCK05] Newton C. A. da Costa and Décio Krause. Book review: Brigitte Falkenburg, Editors, *Between rationalism and empiricism. Selected Papers in the Philosophy of Physics*, Erhard Scheibe (2001) Springer, Berlin ISBN 0-387-98520-4 (627 pp. Euro 88.76). *Studies in History and Philosophy of Modern Physics*, 36(1):210–217, March 2005. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000838>. See [SF01].

DeGregorio:2006:FRP

- [De 06] Alberto De Gregorio. A far-reaching project behind the discovery of neutron-induced radioactivity. *Studies in History and Philosophy of Modern Physics*, 37(2):330–346, June 2006. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000098>.

DeGregorio:2014:BWD

- [De 14] Alberto De Gregorio. Bohr’s way to defining complementarity. *Studies in History and Philosophy of Modern Physics*, 45(??):72–82, February 2014. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000865>.

Bianchi:2018:RAH

- [De 18] Silvia De Bianchi. Rethinking antiparticles. Hermann Weyl’s contribution to neutrino physics. *Studies in History and Philosophy of Modern Physics*, 61(??):68–79, ????? 2018. CO-

DEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic).
 URL <http://www.sciencedirect.com/science/article/pii/S1355219816300272>.

dEspagnat:2001:BRM

- [d'E01] Bernard d'Espagnat. Book review: The Modal Interpretation of Quantum Mechanics: Dennis Dieks and Pieter E. Vermaas (eds), *The Modal Interpretation of Quantum Mechanics* (Dordrecht: Kluwer Academic, 1998), viii + 377 pp., ISBN 0-7923-5207-6. *Studies in History and Philosophy of Modern Physics*, 32 (1):121–125, March 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980000149>. See [DV98].

dEspagnat:2006:PP

- [d'E06] Bernard d'Espagnat. *On physics and philosophy*. Princeton University Press, Princeton, NJ, USA, 2006. ISBN 0-691-11964-3. ix + 503 pp. LCCN QC6 .E81713 2006. URL <http://www.loc.gov/catdir/enhancements/fy0654/2006926978-d.html>; <http://www.loc.gov/catdir/enhancements/fy1007/2006926978-t.html>.

Dorato:2010:GOD

- [DE10] Mauro Dorato and Michael Esfeld. GRW as an ontology of dispositions. *Studies in History and Philosophy of Modern Physics*, 41 (1):41–49, January 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000574>.

Debs:2003:BRB

- [Deb03] Talel A. Debs. Book review: *Unifying scientific theories: physical concepts and mathematical structures*: Margaret Morrison, Cambridge University Press, Cambridge, 2000, pp. 280, US \$65.00, ISBN 0-521-65216-2 hardback. *Studies in History and Philosophy of Modern Physics*, 34(1):151–153, March 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000412>. See [Mor00].

Delhotel:2001:BRB

- [Del01] Jean-Michel Delhôtel. Book review: On Bits and Quanta: Hoi-Kwong Lo, Sandu Popescu and Tim Spiller (eds), *Introduction to Quantum Computation and Information* (Singapore: World Scientific, 1998), xi + 348 pp., ISBN 981-02-3399-X, £35, US\$52.

Studies in History and Philosophy of Modern Physics, 32(1): 143–150, March 2001. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980000162>. See [SPL98].

Santo:2018:GKP

- [Del18] Flavio Del Santo. Genesis of Karl Popper’s EPR-like experiment and its resonance amongst the physics community in the 1980s. *Studies in History and Philosophy of Modern Physics*, 62(??):56–70, May 2018. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817300230>.

DelSanto:2019:KPF

- [Del19] Flavio Del Santo. Karl Popper’s forgotten role in the quantum debate at the edge between philosophy and physics in 1950s and 1960s. *Studies in History and Philosophy of Modern Physics*, 67(??):78–88, August 2019. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818301813>.

Denbigh:1996:BRB

- [Den96] Kenneth G. Denbigh. Book review: *Time’s arrows today: Recent physical and philosophical work on the direction of time*: S. F. Savitt (ed.), *Time’s Arrows Today* (Cambridge University Press, 1995), ISBN 0-521-46111-1 (hardback) £37.50, US \$49.95. *Studies in History and Philosophy of Modern Physics*, 27(2):221–227, June 1996. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219896000068>. See [Sav95].

Detlefsen:1998:MS

- [Det98] Michael Detlefsen. Mind in the shadows. *Studies in History and Philosophy of Modern Physics*, 29(1):123–136, March 11, 1998. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897000300>.

Deutsch:2016:LET

- [Deu16] David Deutsch. The logic of experimental tests, particularly of Everettian quantum theory. *Studies in History and Philosophy of Modern Physics*, 55(??):24–33, August 2016. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S135521981530023X>.

DeVorkin:2000:HSL

- [DeV00] David DeVorkin. Hybrid studies: Looking at solar system astronomy in America. *Studies in History and Philosophy of Modern Physics*, 31(1):99–103, March 2000. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521989900026X>.

Dewar:2015:SPL

- [Dew15] Neil Dewar. Symmetries and the philosophy of language. *Studies in History and Philosophy of Modern Physics*, 52 (part B)(?): 317–327, November 2015. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000878>.

Dey:2018:TIL

- [Dey18] Somajit Dey. Time isotropy, Lorentz transformation and inertial frames. *Studies in History and Philosophy of Modern Physics*, 63 (??):114–122, August 2018. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981730151X>.

Demopoulos:2012:PSC

- [DFB12] William Demopoulos, Melanie Frappier, and Jeffrey Bub. Poincaré’s “Les conceptions nouvelles de la matière” [New understanding of matter]. *Studies in History and Philosophy of Modern Physics*, 43(4):221–225, November 2012. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219812000147>.

Durr:1995:QPQ

- [DGZ95] Detlef Dürr, Sheldon Goldstein, and Nino Zanghì. Quantum physics without quantum philosophy. *Studies in History and Philosophy of Modern Physics*, 26(2):137–149, August 1995. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219895000097>.

deHaro:2017:DEG

- [dH17] Sebastian de Haro. Dualities and emergent gravity: Gauge/gravity duality. *Studies in History and Philosophy of Modern Physics*, 59(??):109–125, August 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000659>.

Dardashti:2019:HRA

- [DHTW19] Radin Dardashti, Stephan Hartmann, Karim Thébault, and Eric Winsberg. Hawking radiation and analogue experiments: a Bayesian analysis. *Studies in History and Philosophy of Modern Physics*, 67(??):1–11, August 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818301035>.

Dickson:1996:BRA

- [Dic96] Michael Dickson. Book reviews: Antidote or theory?: David Bohm and Basil J. Hiley, *The Undivided Universe: An Ontological Interpretation of Quantum Theory* (London: Routledge, 1993), xii + 397 pp. ISBN 0-415-06588-7. Peter R. Holland, *The Quantum Theory of Motion: An Account of the de Broglie–Bohm Causal Interpretation of Quantum Mechanics* (Cambridge: Cambridge University Press, 1993 hardback, 1995 paperback), xx + 598 pp. ISBN 0-521-35404-8 Hardback; 0-521-48543-6 Paperback. *Studies in History and Philosophy of Modern Physics*, 27(2):229–238, June 1996. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219896000135>. See [BH93, Hol93].

Dickson:2002:BRB

- [Dic02a] M. Dickson. Book review: *Quantum dialogue: the making of a revolution*: Mara Beller; The University of Chicago Press, Chicago, 1999, xv + 365 pp., US \$35.00, ISBN 0-226-04181-6. *Studies in History and Philosophy of Modern Physics*, 33(3):565–569, September 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000205>. See [Bel99].

Dickson:2002:JCR

- [Dic02b] Michael Dickson. James T. Cushing, 1937–2002: a remembrance. *Studies in History and Philosophy of Modern Physics*, 33(3):601–603, September 2002. CODEN ???? ISSN 1355-2198 (print),

1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S136984860200002X>.

Dickson:2004:VNQ

- [Dic04] Michael Dickson. A view from nowhere: quantum reference frames and uncertainty. *Studies in History and Philosophy of Modern Physics*, 35(2):195–220, June 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000061>.

Dick:2017:QJS

- [Dic17] Rainer Dick. Quantum jumps, superpositions, and the continuous evolution of quantum states. *Studies in History and Philosophy of Modern Physics*, 57(??):115–125, February 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816300673>.

Dieks:2001:I

- [Die01a] Dennis Dieks. Introduction. *Studies in History and Philosophy of Modern Physics*, 32(2):151–156, June 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000028>.

Dieks:2001:STP

- [Die01b] Dennis Dieks. Space and time in particle and field physics. *Studies in History and Philosophy of Modern Physics*, 32(2):217–241, June 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000041>.

Dieks:2006:ALG

- [Die06] Dennis Dieks. Another look at general covariance and the equivalence of reference frames. *Studies in History and Philosophy of Modern Physics*, 37(1):174–191, March 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000870>.

Dieks:2007:PMI

- [Die07] Dennis Dieks. Probability in modal interpretations of quantum mechanics. *Studies in History and Philosophy of Modern Physics*,

38(2):292–310, June 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000305>.

Dieks:2017:NIP

- [Die17] Dennis Dieks. Von Neumann’s impossibility proof: Mathematics in the service of rhetorics. *Studies in History and Philosophy of Modern Physics*, 60(?):136–148, November 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816301307>.

DiSalle:2020:ASN

- [DiS20] Robert DiSalle. Absolute space and Newton’s theory of relativity. *Studies in History and Philosophy of Modern Physics*, 71(?):232–244, August 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219819300747>.

Duncan:2008:PJR

- [DJ08] Anthony Duncan and Michel Janssen. Pascual Jordan’s resolution of the conundrum of the wave-particle duality of light. *Studies in History and Philosophy of Modern Physics*, 39(3):634–666, September 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000312>.

Duncan:2009:CTT

- [DJ09] Anthony Duncan and Michel Janssen. From canonical transformations to transformation theory, 1926–1927: The road to Jordan’s *Neue Begründung*. *Studies in History and Philosophy of Modern Physics*, 40(4):352–362, December 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000367>.

Duncan:2014:TOS

- [DJ14] Anthony Duncan and Michel Janssen. The trouble with orbits: the Stark effect in the old and the new quantum theory. *Studies in History and Philosophy of Modern Physics*, 48 (part A)(?):68–83, November 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000847>.

deMuynck:1996:CWE

- [dM96] Willem M. de Muynck. Can we escape from Bell's conclusion that quantum mechanics describes a non-local reality? *Studies in History and Philosophy of Modern Physics*, 27(3):315–330, September 1996. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521989600010X>.

Doboszewski:2019:ICN

- [Dob19] Juliusz Doboszewski. Interpreting cosmic no hair theorems: Is fatalism about the far future of expanding cosmological models unavoidable? *Studies in History and Philosophy of Modern Physics*, 66(??):170–179, May 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818301485>.

Dorato:2003:BRB

- [Dor03] Mauro Dorato. Book review: *Time and the metaphysics of relativity*: William Lane Craig, Kluwer Academic Publisher, Dordrecht, 2000, 292 pp. US \$92, ISBN 0-7923-6668-9. *Studies in History and Philosophy of Modern Physics*, 34(1):154–158, March 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000801>. See [Cra01].

Dorato:2005:SUI

- [Dor05a] Mauro Dorato. *The software of the universe: an introduction to the history and philosophy of laws of nature*. Ashgate new critical thinking in philosophy. Ashgate Pub., Aldershot, Hants, England, 2005. ISBN 0-7546-3994-0 (hardcover). xv + 158 pp. LCCN BD581 .D65 2005. URL <http://www.loc.gov/catdir/toc/ecip058/2005004113.html>.

Dorries:2005:MFC

- [Dör05b] Matthias Dörries, editor. *Michael Frayn's Copenhagen in debate: historical essays and documents on the 1941 meeting between Niels Bohr and Werner Heisenberg*, volume 20 (Berkeley); 33 (Uppsala) of *Berkeley papers in history of science; Uppsala studies in history of science*. Office for History of Science and Technology, University of California, Berkeley, Berkeley, CA, USA, 2005. ISBN 0-9672617-2-4. vii + 195 pp. LCCN PR6056.R3 C6436 2005.

Dorato:2006:ABR

- [Dor06] Mauro Dorato. Absolute becoming, relational becoming and the arrow of time: Some non-conventional remarks on the relationship between physics and metaphysics. *Studies in History and Philosophy of Modern Physics*, 37(3):559–576, September 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000268>.

Dotson:2008:RBQ

- [Dot08] Allen C. Dotson. Refocusing Bohr’s quantum postulate. *Studies in History and Philosophy of Modern Physics*, 39(3):610–619, September 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000208>.

Dotson:2012:PDS

- [Dot12] Allen Clark Dotson. Popper and Dingle on special relativity and the issue of symmetry. *Studies in History and Philosophy of Modern Physics*, 43(1):64–68, February 2012. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219812000020>.

Dougherty:2020:LGT

- [Dou20] John Dougherty. Large gauge transformations and the strong CP problem. *Studies in History and Philosophy of Modern Physics*, 69(??):50–66, February 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981930111X>.

Dowe:2000:PC

- [Dow00] Phil Dowe. *Physical causation*. Cambridge studies in probability, induction, and decision theory. Cambridge University Press, Cambridge, UK, 2000. ISBN 0-521-78049-7. ix + 224 pp. LCCN QC6.4.C3 D69 2000. URL <http://www.loc.gov/catdir/description/cam0210/99047849.html>; <http://www.loc.gov/catdir/toc/cam025/99047849.html>.

Duncan:2016:PHI

- [DP16] Anthony Duncan and Enric Pérez. The puzzle of half-integral quanta in the application of the adiabatic hypothesis to rotational

motion. *Studies in History and Philosophy of Modern Physics*, 54(??):1–8, May 2016. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815300241>.

deRegt:1997:ESA

- [dR97] Henk W. de Regt. Erwin Schrödinger, Anschaulichkeit, and quantum theory. *Studies in History and Philosophy of Modern Physics*, 28(4):461–481, December 1997. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897000178>.

deRegt:2001:SVI

- [dR01] Henk W. de Regt. Spacetime visualisation and the intelligibility of physical theories. *Studies in History and Philosophy of Modern Physics*, 32(2):243–265, June 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000077>.

Debs:2003:JEH

- [DR03] Talal A. Debs and Michael L. G. Redhead. The ‘Jericho effect’ and Hegerfeldt non-locality. *Studies in History and Philosophy of Modern Physics*, 34(1):61–85, March 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000813>.

deRonde:2014:IMK

- [dRFD14] Christian de Ronde, Hector Freytes, and Graciela Domenech. Interpreting the Modal Kochen–Specker theorem: Possibility and many worlds in quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 45(??):11–18, February 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000877>.

deRegt:2009:SUP

- [dRLE09] Henk W. de Regt, Sabina Leonelli, and Kai Eigner, editors. *Scientific Understanding: Philosophical Perspectives*. University of Pittsburgh Press, Pittsburgh, PA, USA, 2009. ISBN 0-8229-4378-6 (hardcover). ix + 352 pp. LCCN Q175 .S42415 2009. US\$65.00.

Drory:2008:TRP

- [Dro08] Alon Drory. Is there a reversibility paradox? recenting the debate on the thermodynamic time arrow. *Studies in History and Philosophy of Modern Physics*, 39(4):889–913, November 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000385>.

Drory:2015:NSP

- [Dro15] Alon Drory. The necessity of the second postulate in special relativity. *Studies in History and Philosophy of Modern Physics*, 51(??):57–67, August 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814001038>.

Drossel:2017:TRW

- [Dro17] Barbara Drossel. Ten reasons why a thermalized system cannot be described by a many-particle wave function. *Studies in History and Philosophy of Modern Physics*, 58(??):12–21, May 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817300084>.

Drory:2020:CSL

- [Dro20] Alon Drory. Constancy of the speed of light and the unit matching problem. *Studies in History and Philosophy of Modern Physics*, 72(??):107–120, November 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219820301076>.

deSaint-Ours:2015:DTD

- [dSO15] Alexis de Saint-Ours. Does time differ from change? Philosophical appraisal of the problem of time in quantum gravity and in physics. *Studies in History and Philosophy of Modern Physics*, 52 (part A) (??):48–54, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000325>.

DAriano:2013:EST

- [DT13] Giacomo Mauro D’Ariano and Alessandro Tosini. Emergence of space–time from topologically homogeneous causal networks.

Studies in History and Philosophy of Modern Physics, 44(3):294–299, August 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000385>.

Dawid:2014:AEV

- [DT14] Richard Dawid and Karim P. Y. Thébault. Against the empirical viability of the Deutsch–Wallace–Everett approach to quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 47(??):55–61, August 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000562>.

Haro:2017:CDG

- [DTB17] Sebastian De Haro, Nicholas Teh, and Jeremy N. Butterfield. Comparing dualities and gauge symmetries. *Studies in History and Philosophy of Modern Physics*, 59(??):68–80, August 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816000125>.

Duerr:2019:FBW

- [Due19a] Patrick M. Duerr. Fantastic beasts and where (not) to find them: Local gravitational energy and energy conservation in general relativity. *Studies in History and Philosophy of Modern Physics*, 65(??):1–14, February 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818300418>.

Duerr:2019:IAN

- [Due19b] Patrick M. Duerr. It ain't necessarily so: Gravitational waves and energy transport. *Studies in History and Philosophy of Modern Physics*, 65(??):25–40, February 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817301260>.

Duerr:2020:UTM

- [Due20] Patrick M. Duerr. Unweyling three mysteries of Nordström gravity. *Studies in History and Philosophy of Modern Physics*, 69(??):32–49, February 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219819300978>.

Dunlap:2016:MDC

- [Dun16] Lucas Dunlap. The metaphysics of D-CTCs: On the underlying assumptions of Deutsch's quantum solution to the paradoxes of time travel. *Studies in History and Philosophy of Modern Physics*, 56(??):39–47, November 2016. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816300879>.

Dieks:2004:E

- [DUvLL04] Dennis Dieks, Jos Uffink, Janneke van Lith, and Andrea Lubberdink. Editorial. *Studies in History and Philosophy of Modern Physics*, 35(2):141–142, June 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000103>.

Duwell:2003:BRB

- [Duw03a] Armond Duwell. Book review: *The physics of quantum information: quantum cryptography, quantum teleportation, quantum computation*. D. Bouwmeester, A. Ekert and A. Zeilinger (Eds.); Germany, 2000, 314pp, US\$54, ISBN 3-540-66778-4. *Studies in History and Philosophy of Modern Physics*, 34(2):331–334, June 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000121>. See [BEZ01].

Duwell:2003:QID

- [Duw03b] Armond Duwell. Quantum information does not exist. *Studies in History and Philosophy of Modern Physics*, 34(3):479–499, September 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000418>.

Duwell:2007:RCQ

- [Duw07] Armond Duwell. Re-conceiving quantum theories in terms of information-theoretic constraints. *Studies in History and Philosophy of Modern Physics*, 38(1):181–201, March 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000906>.

Duwell:2008:QID

- [Duw08] Armond Duwell. Quantum information does exist. *Studies in History and Philosophy of Modern Physics*, 39(1):195–216, January 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807001013>.

Duwell:2011:UBO

- [Duw11] Armond Duwell. Uncomfortable bedfellows: Objective quantum Bayesianism and the von Neumann–Lüders projection postulate. *Studies in History and Philosophy of Modern Physics*, 42(3):167–175, August 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000281>.

Duwell:2020:UQP

- [Duw20] Armond Duwell. Understanding quantum phenomena and quantum theories. *Studies in History and Philosophy of Modern Physics*, 72(??):278–291, November 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818300133>.

Dieks:1998:MIQ

- [DV98] Dennis Geert Bernardus Johan Dieks and Pieter E. Vermaas, editors. *The modal interpretation of quantum mechanics*, volume 60 of *The Western Ontario series in philosophy of science*. Kluwer Academic Publishers, Norwell, MA, USA, and Dordrecht, The Netherlands, 1998. ISBN 0-7923-5207-6. vii + 377 pp. LCCN QC174.12 .M62 1998. URL <http://www.loc.gov/catdir/enhancements/fy0823/98035400-d.html>; <http://www.loc.gov/catdir/enhancements/fy0823/98035400-t.html>.

Dieks:2015:EHS

- [DvDdH15] Dennis Dieks, Jeroen van Dongen, and Sebastian de Haro. Emergence in holographic scenarios for gravity. *Studies in History and Philosophy of Modern Physics*, 52 (part B)(?):203–216, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000593>.

DeHaro:2020:CAB

- [DvDVB20] Sebastian De Haro, Jeroen van Dongen, Manus Visser, and Jeremy Butterfield. Conceptual analysis of black hole entropy in string

theory. *Studies in History and Philosophy of Modern Physics*, 69 (??):82–111, February 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219819300553>.

Earman:2003:CCF

- [Ear03] John Earman. The cosmological constant, the fate of the universe, unimodular gravity, and all that. *Studies in History and Philosophy of Modern Physics*, 34(4):559–577, December 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000637>.

Earman:2006:PHE

- [Ear06] John Earman. The “past hypothesis”: Not even false. *Studies in History and Philosophy of Modern Physics*, 37(3):399–430, September 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980600027X>.

Earman:2011:UEP

- [Ear11] John Earman. The Unruh effect for philosophers. *Studies in History and Philosophy of Modern Physics*, 42(2):81–97, May 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000207>.

Earman:2014:NSP

- [Ear14] John Earman. No superluminal propagation for classical relativistic and relativistic quantum fields. *Studies in History and Philosophy of Modern Physics*, 48 (part B)(?):102–108, November 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000811>.

Eckhardt:2006:CTA

- [Eck06] William Eckhardt. Causal time asymmetry. *Studies in History and Philosophy of Modern Physics*, 37(3):439–466, September 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000414>.

Eckert:2015:AIQ

- [Eck15] Michael Eckert. From aether impulse to QED: Sommerfeld and the Bremsstrahlen theory. *Studies in History and Philosophy of Modern Physics*, 51(?):9–22, August 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981500043X>.

Elitzur:2005:QVQ

- [EDK05] Avshalom C. Elitzur, S. (Shahar) Dolev, and N. (Nancy) Kolenda. *Quo vadis quantum mechanics?* Frontiers collection. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2005. ISBN 3-540-22188-3. xiv + 421 pp. LCCN QC174.12 .E446 2005. URL <http://www.loc.gov/catdir/enhancements/fy0662/2004116224-d.html>; <http://www.loc.gov/catdir/enhancements/fy0817/2004116224-t.html>.

Earman:1999:ES

- [EE99] John Earman and Jean Eisenstaedt. Einstein and singularities. *Studies in History and Philosophy of Modern Physics*, 30(2):185–235, June 1999. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000052>.

Egg:2017:PSN

- [Egg17] Matthias Egg. The physical salience of non-fundamental local beables. *Studies in History and Philosophy of Modern Physics*, 57(?):104–110, February 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816301253>.

Egg:2019:DMP

- [Egg19] Matthias Egg. Dissolving the measurement problem is not an option for the realist. *Studies in History and Philosophy of Modern Physics*, 66(?):62–68, May 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818301072>.

Evans:2016:EQC

- [EGT16] Peter W. Evans, Sean Gryb, and Karim P. Y. Thébault. Ψ -epistemic quantum cosmology? *Studies in History and Philosophy of Modern Physics*, 56(?):1–12, November 2016. CO-

DEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic).
 URL <http://www.sciencedirect.com/science/article/pii/S1355219816301022>.

Ernst:2010:TCR

- [EH10] Gerhard Ernst and Andreas Hüttemann, editors. *Time, chance and reduction: philosophical aspects of statistical mechanics*. Cambridge University Press, Cambridge, UK, 2010. ISBN 0-521-88401-2 (hardcover). vi + 211 pp. LCCN QC174.84 .T56 2010.

Eisenstaedt:2002:BRB

- [Eis02] Jean Eisenstaedt. Book review: *The Symbolic Universe. Geometry and Physics 1890–1930*: Jeremy J. Gray (Ed.), Oxford University Press, New York, 1999, pp. xii + 289, \$105.00, hardback, ISBN 0-19-850088-2. *Studies in History and Philosophy of Modern Physics*, 33(1):145–148, March 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000107>. See [Gra99].

Eisenthal:2018:MM

- [Eis18] Joshua Eisenthal. Mechanics without mechanisms. *Studies in History and Philosophy of Modern Physics*, 62(??):45–55, May 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817300151>.

Eisenstaedt:2005:UGR

- [EK05] Jean Eisenstaedt and Anne J. Kox, editors. *The universe of General Relativity*, volume 11 of *Einstein studies*. Birkhäuser, Cambridge, MA, USA; Berlin, Germany; Basel, Switzerland, 2005. ISBN 0-8176-4380-X. xii + 500 pp. LCCN QC173.5 .U55 2005.

Emch:2002:LTP

- [EL02] Gérard G. Emch and Chuang Liu. *The logic of thermostatistical physics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2002. ISBN 3-540-41379-0. xiv + 703 pp. LCCN QC311.5 .E63 2002.

Ellis:2002:BRB

- [Ell02] G. F. R. Ellis. Book review: *The end of time: the next revolution in our understanding of the universe*: Julian Barbour, Weidenfeld and Nicholson, London, 384 pp., \$16.95, ISBN 0-19-514592-5. *Studies in History and Philosophy of Modern Physics*, 33(2):

377–385, June 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000163>. See [Bar01].

Ellis:2013:ATN

- [Ell13] George Francis Rayner Ellis. The arrow of time and the nature of spacetime. *Studies in History and Philosophy of Modern Physics*, 44(3):242–262, August 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000464>.

Ellis:2014:PC

- [Ell14] George Francis Rayner Ellis. On the philosophy of cosmology. *Studies in History and Philosophy of Modern Physics*, 46((Part A)):5–23, May 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000671>.

Emch:2002:BRB

- [Emc02] Gérard G. Emch. Book review: *Mathematical Topics between Classical and Quantum Mechanics*: N. P. Landsman, Springer Monographs in Mathematics, Springer, New York, 1998, 529 pp., \$66.95 cloth, ISBN 0-387-98318-X. *Studies in History and Philosophy of Modern Physics*, 33(1):148–150, March 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000144>. See [Lan98].

Emch:2004:BRB

- [Emc04] Gérard G. Emch. Book review: *Quantum mechanics and its emergent macrophysics*: Geoffrey Sewell, Princeton University Press, Princeton, NJ, 2002, xi + 292 pp., price US \$65, ISBN 0-691-05832-6. *Studies in History and Philosophy of Modern Physics*, 35(1):129–133, March 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000856>. See [Sew02].

Emch:2005:PIS

- [Emc05] Gérard G. Emch. Probabilistic issues in statistical mechanics. *Studies in History and Philosophy of Modern Physics*, 36(2):303–322, June 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000887>.

Emch:2007:MDTa

- [Emc07a] Gérard G. Emch. Models and the dynamics of theory-building in physics. Part I — modeling strategies. *Studies in History and Philosophy of Modern Physics*, 38(3):558–585, September 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000967>.

Emch:2007:MDTb

- [Emc07b] Gérard G. Emch. Models and the dynamics of theory-building in physics. Part II — case studies. *Studies in History and Philosophy of Modern Physics*, 38(4):683–723, December 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000979>.

Earman:1998:EXW

- [EN98] John Earman and John D. Norton. Exorcist XIV: The wrath of Maxwell's Demon. Part I. from Maxwell to Szilard. *Studies in History and Philosophy of Modern Physics*, 29(4):435–471, December 1998. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219898000239>.

Earman:1999:EXW

- [EN99] John Earman and John D. Norton. Exorcist XIV: The wrath of Maxwell's Demon. Part II from Szilard to Landauer and beyond. *Studies in History and Philosophy of Modern Physics*, 30(1):1–40, March 1999. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219898000264>.

Enz:2002:NTB

- [Enz02] Charles P. (Charles Paul) Enz. *No time to be brief: a scientific biography of Wolfgang Pauli*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 2002. ISBN 0-19-856479-1. viii + 573 pp. LCCN QC16.P37 E59 2002. URL <http://www.loc.gov/catdir/enhancements/fy0614/2002726902-d.html>; <http://www.loc.gov/catdir/enhancements/fy0614/2002726902-t.html>.

Epperson:2004:QMP

- [Epp04] Michael Epperson. *Quantum mechanics and the philosophy of Alfred North Whitehead*, volume 14 of *American philosophy series*. Fordham University Press, New York, NY, USA, 2004. ISBN 0-8232-2319-1. ISSN 1073-2764. xiv + 261 pp. LCCN QC174.13 .E66 2004. URL <http://www.loc.gov/catdir/enhancements/fy0730/2003023756-d.html>; <http://www.loc.gov/catdir/enhancements/fy0734/2003023756-b.html>; <http://www.loc.gov/catdir/toc/ecip0410/2003023756.html>.

Esfeld:2001:HPM

- [Esf01] Michael Esfeld. *Holism in philosophy of mind and philosophy of physics*, volume 298 of *Synthese library*. Kluwer Academic Publishers, Norwell, MA, USA, and Dordrecht, The Netherlands, 2001. ISBN 0-7923-7003-1. xiv + 366 pp. LCCN B818 .E74 2001. URL <http://www.loc.gov/catdir/enhancements/fy0823/2001033720-d.html>; <http://www.loc.gov/catdir/enhancements/fy0823/2001033720-t.html>.

Esfeld:2004:QEM

- [Esf04] Michael Esfeld. Quantum entanglement and a metaphysics of relations. *Studies in History and Philosophy of Modern Physics*, 35(4):601–617, December 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000383>.

Esfeld:2007:BRB

- [Esf07] Michael Esfeld. Book review: *On Physics and Philosophy*, Bernard d’Espagnat. Princeton University Press, Princeton (2006). 552 pp., \$35.00 Hardback, ISBN-13 978-0-691-11964-9. *Studies in History and Philosophy of Modern Physics*, 38(4):989–992, December 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000494>. See [d’E06].

Esfeld:2014:POQ

- [Esf14] Michael Esfeld. The primitive ontology of quantum physics: Guidelines for an assessment of the proposals. *Studies in History and Philosophy of Modern Physics*, 47(??):99–106, August 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000628>.

Evans:2007:QMC

- [ET07] James Evans and A. S. (Alan S.) Thorndike, editors. *Quantum mechanics at the crossroads: new perspectives from history, philosophy and physics*. The frontiers collection. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2007. ISBN 3-540-32663-4 (hardcover), 3-540-32665-0 (e-book). ISSN 1612-3018. x + 249 pp. LCCN QC174.12 .Q346 2007. URL <http://www.loc.gov/catdir/enhancements/fy0824/2006934045-b.html>; <http://www.loc.gov/catdir/enhancements/fy0824/2006934045-d.html>; <http://www.loc.gov/catdir/toc/fy0708/2006934045.html>.

Everett:2012:COT

- [Eve12] Jonathan Everett. Constituting objectivity: Transcendental perspectives on modern physics. *Studies in History and Philosophy of Modern Physics*, 43(2):105–111, May 2012. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219812000032>.

Everett:2015:CPD

- [Eve15] Jonathan Everett. The constitutive a priori and the distinction between mathematical and physical possibility. *Studies in History and Philosophy of Modern Physics*, 52 (part B)(?):139–152, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000428>.

Epperson:2013:FRR

- [EZ13] Michael Epperson and Elias Zafiris. *Foundations of relational realism: a topological approach to quantum mechanics and the philosophy of nature*. Lexington Books, Lanham, MD, USA, 2013. ISBN 0-7391-8032-0 (hardcover), 0-7391-8033-9 (electronic). xx + 419 pp. LCCN QC174.17.M35 E67 2013. URL <http://public.eblib.com/choice/publicfullrecord.aspx?p=1222033>; <http://site.ebrary.com/id/10725928>.

Falkenburg:1996:APT

- [Fal96] Brigitte Falkenburg. The analysis of particle tracks: a case for trust in the unity of physics. *Studies in History and Philosophy of Modern Physics*, 27(3):337–371, September 1996. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S1355219896000056>.

Falkenburg:2007:PMC

- [Fal07] Brigitte Falkenburg. *Particle metaphysics: a critical account of subatomic reality*. Frontiers collection. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2007. ISBN 3-540-33731-8. ISSN 1612-3018. xvii + 386 pp. LCCN QC793.13 .F349 2007.

Falkenburg:2014:CAP

- [Fal14] Brigitte Falkenburg. On the contributions of astroparticle physics to cosmology. *Studies in History and Philosophy of Modern Physics*, 46((Part A)):97–108, May 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000889>.

Feintzeig:2014:COM

- [Fei14] Benjamin Feintzeig. Can the ontological models framework accommodate Bohmian mechanics? *Studies in History and Philosophy of Modern Physics*, 48 (part A)(?):59–67, November 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000823>.

Feintzeig:2015:BSC

- [Fei15] Benjamin Feintzeig. On broken symmetries and classical systems. *Studies in History and Philosophy of Modern Physics*, 52 (part B)(?):267–273, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000817>.

Felline:2020:QTO

- [Fel20] Laura Feline. Quantum theory is not only about information. *Studies in History and Philosophy of Modern Physics*, 72(?):256–265, November 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817302010>.

Fine:1997:GTA

- [FF97] Dana Fine and Arthur Fine. Gauge theory, anomalies and global geometry: The interplay of physics and mathematics. *Stud-*

ies in History and Philosophy of Modern Physics, 28(3):307–323, September 1997. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897000117>.

Frigg:2007:I

- [FH07a] Roman Frigg and Stephan Hartmann. Introduction. *Studies in History and Philosophy of Modern Physics*, 38(2):231, June 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000317>.

Frigg:2007:PGT

- [FH07b] Roman Frigg and Carl Hoefer. Probability in GRW theory. *Studies in History and Philosophy of Modern Physics*, 38(2):371–389, June 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000251>.

Filomeno:2019:SRG

- [Fil19] Aldo Filomeno. Stable regularities without governing laws? *Studies in History and Philosophy of Modern Physics*, 66(?):186–197, May 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818300297>.

French:2006:IPH

- [FK06] Steven French and Decio Krause. *Identity in physics: a historical, philosophical, and formal analysis*. Clarendon Press, New York, NY, USA, 2006. ISBN 0-19-927824-5 (hardcover). xv + 422 pp. LCCN QC6.4.I34 F74 2006. URL <http://www.loc.gov/catdir/enhancements/fy0640/2006008189-d.html>; <http://www.loc.gov/catdir/enhancements/fy0640/2006008189-t.html>.

Fick:2009:WBC

- [FK09] Dieter Fick and Horst Kant. Walther Bothe’s contributions to the understanding of the wave-particle duality of light. *Studies in History and Philosophy of Modern Physics*, 40(4):395–405, December 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000495>.

Fraser:2016:HMS

- [FK16] Doreen Fraser and Adam Koberinski. The Higgs mechanism and superconductivity: a case study of formal analogies. *Studies in History and Philosophy of Modern Physics*, 55(?):72–91, August 2016. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816300739>.

Franklin:2018:ELC

- [FK18] Alexander Franklin and Eleanor Knox. Emergence without limits: the case of phonons. *Studies in History and Philosophy of Modern Physics*, 64(?):68–78, November 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817301211>.

French:1997:SSR

- [FL97] Steven French and James Ladyman. Superconductivity and structures: revisiting the London account. *Studies in History and Philosophy of Modern Physics*, 28(3):363–393, September 1997. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897000130>.

Friederich:2015:PPA

- [FL15] Simon Friederich and Dennis Lehmkuhl. Particle physics after the Higgs discovery: Philosophical perspectives. *Studies in History and Philosophy of Modern Physics*, 51(?):69–70, August 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000672>.

Fortin:2020:FRA

- [FL20] Sebastian Fortin and Olimpia Lombardi. The Frauchiger–Renner argument: a new no-go result? *Studies in History and Philosophy of Modern Physics*, 70(?):1–7, May 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219819300619>.

Fleming:1995:ECS

- [Fle95] Gordon N. Fleming. Examining the compatibility of special relativity and quantum theory. *Studies in History and Philosophy*

of *Modern Physics*, 26(3):325–331, December 1995. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219895000135>.

Fleming:2000:OQP

- [Fle00a] Gordon N. Fleming. Operation quantum physics. *Studies in History and Philosophy of Modern Physics*, 31(1):117–125, March 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000258>.

Fleming:2000:CCC

- [Fle00b] James R. Fleming. T. C. Chamberlin, climate change, and cosmogony. *Studies in History and Philosophy of Modern Physics*, 31(3):293–308, September 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219800000150>.

Fleming:2005:TQM

- [Fle05] Gordon N. Fleming. Time in quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 36(1):181–190, March 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000772>.

Fleming:2007:EPE

- [Fle07] Gordon N. Fleming. The evolution of Pauli's exclusion principle. *Studies in History and Philosophy of Modern Physics*, 38(1):202–208, March 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000712>.

Fleming:2011:OUQ

- [Fle11] Gordon N. Fleming. Observations on unstable quantons, hyperplane dependence and quantum fields. *Studies in History and Philosophy of Modern Physics*, 42(2):136–147, May 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000165>.

Fleming:2015:RDP

- [Fle15] Gordon N. Fleming. Response to Dr. Pashby: Time operators and POVM observables in quantum mechanics. *Studies in His-*

tory and Philosophy of Modern Physics, 52 (part A)(?):39–43, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981400094X>. See [Pas15c, Pas15a].

Fletcher:2019:RGR

- [Fle19] Samuel C. Fletcher. On the reduction of general relativity to Newtonian gravitation. *Studies in History and Philosophy of Modern Physics*, 68(?):1–15, November 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818301308>.

Fortin:2018:NAM

- [FLG18] Sebastian Fortin, Olimpia Lombardi, and Juan Camilo Martínez González. A new application of the modal-Hamiltonian interpretation of quantum mechanics: The problem of optical isomerism. *Studies in History and Philosophy of Modern Physics*, 62(?):123–135, May 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816301605>.

Flores:1998:ED

- [Flo98] Francisco Flores. Einstein’s 1935 derivation of $E = mc^2$. *Studies in History and Philosophy of Modern Physics*, 29(2):223–243, June 1998. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219898000070>.

Feintzeig:2019:WRPa

- [FLRW19] Benjamin Feintzeig, J. B. Le Manchak, Sarita Rosenstock, and James Owen Weatherall. Why be regular?, Part I. *Studies in History and Philosophy of Modern Physics*, 65(?):122–132, February 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818300856>.

Fletcher:2018:WTD

- [FMSW18] Samuel C. Fletcher, J. B. Manchak, Mike D. Schneider, and James Owen Weatherall. Would two dimensions be world enough for spacetime? *Studies in History and Philosophy of Modern Physics*, 63(?):86–99, August 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S1355219817301570>.

Fogel:2007:FSC

- [Fog07] Brandon Fogel. Formalizing the separability condition in Bell's theorem. *Studies in History and Philosophy of Modern Physics*, 38(4):920–937, December 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000445>.

Fogel:2013:MCE

- [Fog13] Brandon Fogel. Multiple-context event spaces and distributions: a new framework for Bell's theorems. *Studies in History and Philosophy of Modern Physics*, 44(3):153–161, August 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000415>.

Folse:1995:NBC

- [Fol95] Henry J. Folse. Niels Bohr and the construction of a new philosophy. *Studies in History and Philosophy of Modern Physics*, 26(1):107–116, April 1995. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219895967438>.

Forrester:2007:DTI

- [For07] Alan Forrester. Decision theory and information propagation in quantum physics. *Studies in History and Philosophy of Modern Physics*, 38(4):815–831, December 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000391>.

Forgione:2020:PUA

- [For20] Marco Forgione. The philosophical underpinning of the absorber theory of radiation. *Studies in History and Philosophy of Modern Physics*, 72(?):91–106, November 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219820300988>.

Frisch:2016:RRE

- [FP16] Mathias Frisch and Wolfgang Pietsch. Reassessing the Ritz–Einstein debate on the radiation asymmetry in classical electrody-

namics. *Studies in History and Philosophy of Modern Physics*, 55 (??):13–23, August 2016. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815300150>.

Fraser:2004:BRM

- [Fra04] Doreen Fraser. Book review: Meinard Kuhlmann, Holger Lyre, Andrew Wayne, Editors, *Ontological aspects of quantum field theory* (2002) World Scientific Publishing, London ISBN 981-238-182-1 (376 pp., US \$98, £73). *Studies in History and Philosophy of Modern Physics*, 35(4):721–723, December 2004. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000528>. See [KLW02].

Fraser:2008:FPQ

- [Fra08] Doreen Fraser. The fate of ‘particles’ in quantum field theories with interactions. *Studies in History and Philosophy of Modern Physics*, 39(4):841–859, November 2008. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000361>.

Fraser:2011:HTP

- [Fra11] Doreen Fraser. How to take particle physics seriously: a further defence of axiomatic quantum field theory. *Studies in History and Philosophy of Modern Physics*, 42(2):126–135, May 2011. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000141>.

Fragio:2015:PMC

- [Fra15] Alberto Fragio. *Paradigms for a Metaphorology of the Cosmos: Hans Blumenberg and the Contemporary Metaphors of the Universe*. Aracne editrice, Ariccia, Rome, 2015. ISBN 88-548-8090-6 (paperback). 192 (est.) pp. LCCN B3209.B834 Z59 2015.

Fraser:2017:FPE

- [Fra17] Doreen Fraser. Formal and physical equivalence in two cases in contemporary quantum physics. *Studies in History and Philosophy of Modern Physics*, 59(??):30–43, August 2017. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S135521981500057X>.

French:1995:EUQ

- [Fre95] Steven French. The esperable uberty of quantum chromodynamics. *Studies in History and Philosophy of Modern Physics*, 26(1):87–105, April 1995. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521989500006F>.

French:2002:PSM

- [Fre02] Steven French. A phenomenological solution to the measurement problem? Husserl and the foundations of quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 33(3):467–491, September 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000199>.

French:2003:SBS

- [Fre03] Steven French. Scribbling on the blank sheet: Eddington's structuralist conception of objects. *Studies in History and Philosophy of Modern Physics*, 34(2):227–259, June 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000066>.

Freire:2006:PEO

- [Fre06] Olival Freire, Jr. Philosophy enters the optics laboratory: Bell's theorem and its first experimental tests (1965–1982). *Studies in History and Philosophy of Modern Physics*, 37(4):577–616, December 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000463>.

Freire:2009:QDR

- [Fre09a] Olival Freire, Jr. Quantum dissidents: Research on the foundations of quantum theory circa 1970. *Studies in History and Philosophy of Modern Physics*, 40(4):280–289, December 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000550>.

French:2009:BRF

- [Fre09b] Steven French. Book review: Falkenburg Brigitte, *Particle Metaphysics: A Critical Account of Subatomic Reality* (2007) Springer, Berlin / Heidelberg / New York pp. xvii + 386. *Studies in History and Philosophy of Modern Physics*, 40(2):194–195, May 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000033>. See [Fal07].

French:2012:UIP

- [Fre12] Steven French. Unitary inequivalence as a problem for structural realism. *Studies in History and Philosophy of Modern Physics*, 43(2):121–136, May 2012. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000517>.

Freire:2014:HEI

- [Fre14] Olival Freire, Jr. Book review: Hugh Everett III. *The Everett Interpretation of Quantum Mechanics — Collected Works 1955-1980 with Commentary*, Jeffrey A. Barrett, Peter Byrne (Eds.). Princeton University Press, Princeton, NJ (2012). xii + 389 pp., US\$75, HB, ISBN: 978-0-691-14507-5. *Studies in History and Philosophy of Modern Physics*, 46 (part B)(?):263–264, May 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000197>.

Frisch:2005:MPL

- [Fri05] Mathias Frisch. Mechanisms, principles, and Lorentz’s cautious realism. *Studies in History and Philosophy of Modern Physics*, 36(4): 659–679, December 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980500064X>.

Frisch:2006:TTA

- [Fri06] Mathias Frisch. A tale of two arrows. *Studies in History and Philosophy of Modern Physics*, 37(3):542–558, September 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000256>.

Friedman:2007:UST

- [Fri07] Michael Friedman. Understanding space–time. *Studies in History and Philosophy of Modern Physics*, 38(1):216–225, March 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000852>.

Friederich:2011:HSE

- [Fri11a] Simon Friederich. How to spell out the epistemic conception of quantum states. *Studies in History and Philosophy of Modern Physics*, 42(3):149–157, August 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000062>.

Frisch:2011:PCR

- [Fri11b] Mathias Frisch. Principle or constructive relativity. *Studies in History and Philosophy of Modern Physics*, 42(3):176–183, August 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000293>.

Friederich:2013:DNO

- [Fri13a] Simon Friederich. In defence of non-ontic accounts of quantum states. *Studies in History and Philosophy of Modern Physics*, 44(2):77–92, May 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000038>.

Frisch:2013:CPC

- [Fri13b] Mathias Frisch. Conceptual problems in classical electrodynamics: No more toils and trouble? *Studies in History and Philosophy of Modern Physics*, 44(4):527–531, November 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000488>.

Friebe:2014:IDN

- [Fri14] Cord Friebe. Individuality, distinguishability, and (non-)entanglement: a defense of Leibniz’s principle. *Studies in History and Philosophy of Modern Physics*, 48 (part A)(?):89–98, November 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S1355219814000860>.

Friederich:2018:ASS

- [Fri18] Simon Friederich. The asymptotic safety scenario for quantum gravity — an appraisal. *Studies in History and Philosophy of Modern Physics*, 63(??):50–64, August 2018. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817301338>.

Friedman:2020:NMA

- [Fri20] Michael Friedman. Newtonian methodological abstraction. *Studies in History and Philosophy of Modern Physics*, 72(??):162–178, November 2020. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219819301789>.

Feintzeig:2019:WRPb

- [FW19] Benjamin Feintzeig and James Owen Weatherall. Why be regular?, Part II. *Studies in History and Philosophy of Modern Physics*, 65(??):133–144, February 2019. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818300868>.

Galison:1998:FWM

- [Gal98] Peter Galison. Feynman’s war: Modelling weapons, modelling nature. *Studies in History and Philosophy of Modern Physics*, 29(3):391–434, September 1998. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219898000136>.

Galison:2003:ECP

- [Gal03] Peter Galison. *Einstein’s Clocks and Poincaré’s Maps: Empires of Time*. W. W. Norton & Co., New York, NY, USA, 2003. ISBN 0-393-02001-0 (hardcover), 0-393-32604-7 (paperback). 389 pp. LCCN QB209 .G35 2003. US\$23.95.

Galison:2004:ECP

- [Gal04] Peter Galison. *Einstein’s clocks, Poincaré’s maps: empires of time*. W. W. Norton & Co., New York, NY, USA, 2004. ISBN 0-393-32604-7 (paperback). 389 pp. LCCN QB209 .G35 2004.

Galavotti:2005:PIP

- [Gal05] Maria Carla Galavotti. *Philosophical introduction to probability*, volume 167 of *CSLI lecture notes*. CSLI Publications, Stanford, CA, USA, 2005. ISBN 1-57586-490-8 (paperback), 1-57586-489-4. x + 265 pp. LCCN BC141 .G35 2005. URL <http://www.loc.gov/catdir/enhancements/fy0621/2005000367-d.html>; <http://www.loc.gov/catdir/toc/ecip056/2005000367.html>.

Gao:2013:DGI

- [Gao13a] Shan Gao. Does gravity induce wavefunction collapse? An examination of Penrose's conjecture. *Studies in History and Philosophy of Modern Physics*, 44(2):148–151, May 2013. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000233>.

Gao:2013:UCP

- [Gao13b] Shan Gao. On Uffink's criticism of protective measurements. *Studies in History and Philosophy of Modern Physics*, 44(4):513–518, November 2013. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000506>. See reply [Uff13].

Gao:2015:AOT

- [Gao15] Shan Gao. An argument for ψ -ontology in terms of protective measurements. *Studies in History and Philosophy of Modern Physics*, 52 (part B)(?):198–202, November 2015. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000581>.

Gao:2017:MWF

- [Gao17] Shan Gao. *The Meaning of the Wave Function: in Search of the Ontology of Quantum Mechanics*. Cambridge University Press, Cambridge, UK, 2017. ISBN 1-107-12435-2 (hardcover), 1-108-15683-5, 1-108-15728-9, 1-108-15744-0 (e-book). x + 189 pp. LCCN QC174.26.W3 G36 2017. URL <http://proquest.safaribooksonline.com/9781108155489>; <http://proquestcombo.safaribooksonline.com/9781108155489>; <http://public.eblib.com/choice/publicfullrecord.aspx?p=4812249>; <http://www.myilibrary.com?id=1005877>.

Garola:2002:WIF

- [Gar02] Claudio Garola. Waves, information, and foundations of physics. *Studies in History and Philosophy of Modern Physics*, 33(1): 101–116, March 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000405>.

Gauderis:2014:ENP

- [Gau14] Tjerk Gauderis. To envision a new particle or change an existing law? Hypothesis formation and anomaly resolution for the curious case of the β decay spectrum. *Studies in History and Philosophy of Modern Physics*, 45(??):27–45, February 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000920>.

Gavroglu:2000:IR

- [Gav00] Kostas Gavroglu. Introductory remarks. *Studies in History and Philosophy of Modern Physics*, 31(4):429–434, December 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219800000228>.

Ghins:2001:PE

- [GB01] Michel Ghins and Tim Budden. The Principle of Equivalence. *Studies in History and Philosophy of Modern Physics*, 32(1): 33–51, March 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219800000381>.

Gearhart:2017:JFI

- [Gea17] Clayton A. Gearhart. James Franck, the ionization potential of helium, and the experimental discovery of metastable states. *Studies in History and Philosophy of Modern Physics*, 60(??):95–109, November 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816301320>.

Gambini:2011:AFM

- [GGPP11] Rodolfo Gambini, Luis Pedro García-Pintos, and Jorge Pullin. An axiomatic formulation of the Montevideo interpretation of quantum mechanics. *Studies in History and Philosophy*

of *Modern Physics*, 42(4):256–263, November 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000542>.

Ghirardi:2005:SLG

- [Ghi05] G. C. Ghirardi. *Sneaking a look at God's cards: unraveling the mysteries of quantum mechanics*. Princeton University Press, Princeton, NJ, USA, revised edition, 2005. ISBN 0-691-12139-7 (hardcover). xix + 488 pp. LCCN Q173 .G4813 2005. URL <http://www.loc.gov/catdir/enhancements/fy0654/2004048683-b.html>; <http://www.loc.gov/catdir/enhancements/fy0654/2004048683-d.html>; <http://www.loc.gov/catdir/enhancements/fy0726/2004048683-t.html>.

Ghirardi:2013:PWC

- [Ghi13] GianCarlo Ghirardi. The parts and the whole: Collapse theories and systems with identical constituents. *Studies in History and Philosophy of Modern Physics*, 44(1):40–47, February 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000372>.

Giere:2011:BRD

- [Gie11] Ronald Giere. Book review: Daniela M. Bailer-Jones, *Scientific Models in Philosophy of Science* (2009) University of Pittsburgh Press 235 pp., ISBN-13 978-0-8229-4376-1, ISBN 0-8229-4376-X. *Studies in History and Philosophy of Modern Physics*, 42(3):211–212, August 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000190>. See [BJ09].

Gilton:2016:WEE

- [Gil16] Marian J. R. Gilton. Whence the eigenstate–eigenvalue link? *Studies in History and Philosophy of Modern Physics*, 55(?):92–100, August 2016. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816300338>.

Gimbel:2004:CWT

- [Gim04] Steven Gimbel. Un-conventional wisdom: theory-specificity in Reichenbach's geometric conventionalism. *Studies in History and Philosophy of Modern Physics*, 35(3):457–481, September

2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000358>.

Ginammi:2016:ARH

- [Gin16] Michele Ginammi. Avoiding reification: Heuristic effectiveness of mathematics and the prediction of the Ω^- particle. *Studies in History and Philosophy of Modern Physics*, 53(?):20–27, February 2016. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815001264>.

Giovanelli:2013:EKP

- [Gio13] Marco Giovanelli. Erich Kretschmann as a proto-logical-empiricist: Adventures and misadventures of the point-coincidence argument. *Studies in History and Philosophy of Modern Physics*, 44(2):115–134, May 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219812000688>.

Giovanelli:2014:OML

- [Gio14] Marco Giovanelli. ‘But one must not legalize the mentioned sin’: Phenomenological vs. dynamical treatments of rods and clocks in Einstein’s thought. *Studies in History and Philosophy of Modern Physics*, 48 (part A)(?):20–44, November 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000963>.

Giovanelli:2016:SCG

- [Gio16] Marco Giovanelli. ‘... But I still can’t get rid of a sense of artificiality’: the Reichenbach–Einstein debate on the geometrization of the electromagnetic field. *Studies in History and Philosophy of Modern Physics*, 54(?):35–51, May 2016. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815300642>.

Giovanelli:2020:LTB

- [Gio20] Marco Giovanelli. ‘Like thermodynamics before Boltzmann.’ on the emergence of Einstein’s distinction between constructive and principle theories. *Studies in History and Philosophy of Modern Physics*, 71(?):118–157, August 2020. CO-

DEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic).
 URL <http://www.sciencedirect.com/science/article/pii/S1355219820300174>.

Giulini:2008:ESC

- [Giu08a] Domenico Giulini. Electron spin or “classically non-describable two-valuedness”. *Studies in History and Philosophy of Modern Physics*, 39(3):557–578, September 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000269>.

Giulini:2008:WWS

- [Giu08b] Domenico Giulini. What is (not) wrong with scalar gravity? *Studies in History and Philosophy of Modern Physics*, 39(1):154–180, January 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000810>.

Giulini:2014:DCE

- [Giu14] Domenico Giulini. Does cosmological expansion affect local physics? *Studies in History and Philosophy of Modern Physics*, 46((Part A)):24–37, May 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981300083X>.

Glick:2019:TED

- [Gli19] David Glick. Timelike entanglement for delayed-choice entanglement swapping. *Studies in History and Philosophy of Modern Physics*, 68(??):16–22, November 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818301564>.

Gasperini:2007:STF

- [GM07] M. Gasperini and J. Maharana, editors. *String theory and fundamental interactions: Gabriele Veneziano and theoretical physics: historical and contemporary perspectives*, volume 737 of *Lecture notes in physics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2007. ISBN 3-540-74232-8 (hardcover), 3-540-74233-6 (e-book). ISSN 0075-8450 (print), 1616-6361 (electronic). xviii + 974 pp. LCCN QC794.6.S85 S657 2008.

Gherab-Martin:2013:SNM

- [GM13] Karim J. Gherab-Martin. From structuralism to neutral monism in Arthur S. Eddington's philosophy of physics. *Studies in History and Philosophy of Modern Physics*, 44(4):500–512, November 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000804>.

Gasperini:2008:STF

- [GMV08] Maurizio Gasperini, J. Maharana, and G. (Gabriele) Veneziano, editors. *String theory and fundamental interactions: Gabriele Veneziano and theoretical physics: historical and contemporary perspectives*, volume 737 of *Lecture notes in physics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2008. ISBN 3-540-74232-8 (hardcover). ISSN 0075-8450 (print), 1616-6361 (electronic). xviii + 974 pp. LCCN QC794.6.S85 S657 2008.

Gomes:2019:GBF

- [Gom19] Henrique Gomes. Gauging the boundary in field-space. *Studies in History and Philosophy of Modern Physics*, 67(??):89–110, August 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818302144>.

Good:2000:AGS

- [Goo00] Gregory A. Good. The assembly of geophysics: Scientific disciplines as frameworks of consensus. *Studies in History and Philosophy of Modern Physics*, 31(3):259–292, September 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219800000186>.

Gordin:2002:BRP

- [Gor02] Michael D. Gordin. Book review: Playing dice with Einstein: M. Jammer, *Einstein and Religion: Physics and Theology*. (268 pp.) Princeton University Press, Princeton, 1999, hardback, US \$26.95, UK £18.95, ISBN 0-691-00699-7. *Studies in History and Philosophy of Modern Physics*, 33(1):95–100, March 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000399>. Translation and revision of

Einstein und die Religion published by Universitätsverlag Konstanz. See [JAvWE95, Jam99, Jam02].

Gambini:2014:TPC

- [GP14] Rodolfo Gambini and Jorge Pullin. Three principles for canonical quantum gravity. *Studies in History and Philosophy of Modern Physics*, 46 (part B)(?):164–169, May 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000841>.

Gray:1999:SUG

- [Gra99] Jeremy Gray, editor. *The symbolic universe: geometry and physics 1890–1930*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 1999. ISBN 0-19-850088-2. xii + 289 pp. LCCN QC20.7.G44 S95 1999. URL <http://www.loc.gov/catdir/enhancements/fy0606/99018288-d.html>; <http://www.loc.gov/catdir/enhancements/fy0606/99018288-t.html>.

Granek:2000:PCR

- [Gra00] Galina Granek. Poincaré’s contributions to relativistic dynamics. *Studies in History and Philosophy of Modern Physics*, 31 (1):15–48, March 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000271>.

Gramelsberger:2010:CPA

- [Gra10] Gabriele Gramelsberger. Conceiving processes in atmospheric models — general equations, subscale parameterizations, and ‘superparameterizations’. *Studies in History and Philosophy of Modern Physics*, 41(3):233–241, September 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000456>.

Gray:2014:SFP

- [Gra14] Jeremy Gray. “The soul of the fact” — Poincaré and proof. *Studies in History and Philosophy of Modern Physics*, 47(??):142–150, August 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000215>.

Greenberger:2001:IQM

- [Gre01] Daniel M. Greenberger. The interpretation of quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 32(1):127–129, March 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980000095>.

Greaves:2004:UDP

- [Gre04] H. Greaves. Understanding Deutsch's probability in a deterministic multiverse. *Studies in History and Philosophy of Modern Physics*, 35(3):423–456, September 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980400036X>.

Greaves:2007:EEP

- [Gre07] Hilary Greaves. On the Everettian epistemic problem. *Studies in History and Philosophy of Modern Physics*, 38(1):120–152, March 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000918>.

Griffiths:2002:CQT

- [Gri02] R. B. (Robert Budington) Griffiths. *Consistent quantum theory*. Cambridge University Press, Cambridge, UK, 2002. ISBN 0-521-80349-7 (hardcover). xvi + 391 pp. LCCN QC174.12 .G752 2002. URL <http://www.loc.gov/catdir/description/cam021/2001035048.html>; <http://www.loc.gov/catdir/enhancements/fy0731/2001035048-b.html>; <http://www.loc.gov/catdir/samples/cam031/2001035048.html>; <http://www.loc.gov/catdir/toc/cam021/2001035048.html>.

Griffiths:2013:CQO

- [Gri13a] Robert B. Griffiths. A consistent quantum ontology. *Studies in History and Philosophy of Modern Physics*, 44(2):93–114, May 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981300004X>.

Griffiths:2013:HSQ

- [Gri13b] Robert B. Griffiths. Hilbert space quantum mechanics is noncontextual. *Studies in History and Philosophy of Modern Physics*, 44

(3):174–181, August 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000063>.

Griffiths:2015:CQM

- [Gri15] Robert B. Griffiths. Consistent quantum measurements. *Studies in History and Philosophy of Modern Physics*, 52 (part B)(?): 188–197, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000489>.

Grinbaum:2017:HDI

- [Gri17] Alexei Grinbaum. How device-independent approaches change the meaning of physical theory. *Studies in History and Philosophy of Modern Physics*, 58(??):22–30, May 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817300564>.

Groover:2007:BRJ

- [Gro07] Holly Groover. Book review: Jens Heber, *The standard conception as genuine quantum realism* (2005) University Press of Southern Denmark, Odense 231 pp., US \$40, 225 kr., ISBN 87-7838-848-1. *Studies in History and Philosophy of Modern Physics*, 38(4): 983–986, December 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000184>. See [Heb05].

Gross:2012:PPR

- [Gro12] Ari Gross. Pictures and pedagogy: the role of diagrams in Feynman’s early lectures. *Studies in History and Philosophy of Modern Physics*, 43(3):184–194, August 2012. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219812000226>.

Grosholz:2015:ISI

- [Gro15] Emily Grosholz. Introduction to special issue on ‘Cosmology and Time’ for SHPMP. *Studies in History and Philosophy of Modern Physics*, 52 (part A)(?):1–7, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000283>.

Gale:1996:MBM

- [GS96] George Gale and Niall Shanks. Methodology and the birth of modern cosmological inquiry. *Studies in History and Philosophy of Modern Physics*, 27(3):279–296, September 1996. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219896000081>.

Giulini:2006:EIP

- [GS06] Domenico Giulini and Norbert Straumann. Einstein's impact on the physics of the twentieth century. *Studies in History and Philosophy of Modern Physics*, 37(1):115–173, March 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000924>.

Greaves:2014:CT

- [GT14] Hilary Greaves and Teruji Thomas. On the CPT theorem. *Studies in History and Philosophy of Modern Physics*, 45(??):46–65, February 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000853>.

Goldstein:2005:APR

- [GTTZ05] Sheldon Goldstein, James Taylor, Roderich Tumulka, and Nino Zanghi'. Are all particles real? *Studies in History and Philosophy of Modern Physics*, 36(1):103–112, March 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980400084X>.

Guay:2008:CFY

- [Gua08a] Alexandre Guay. Conceptual foundations of Yang–Mills theories. *Studies in History and Philosophy of Modern Physics*, 39(3):687–693, September 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000373>.

Guay:2008:PEG

- [Gua08b] Alexandre Guay. A partial elucidation of the gauge principle. *Studies in History and Philosophy of Modern Physics*, 39(2):346–363, May 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502

(electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000038>.

Guillemot:2010:CBS

- [Gui10] H el ene Guillemot. Connections between simulations and observation in climate computer modeling. Scientist’s practices and “bottom-up epistemology” lessons. *Studies in History and Philosophy of Modern Physics*, 41(3):242–252, September 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000432>.

Guttmann:1999:CPS

- [Gut99] Y. M. (Yair M.) Guttmann. *The concept of probability in statistical physics*. Cambridge studies in probability, induction, and decision theory. Cambridge University Press, Cambridge, UK, 1999. ISBN 0-521-62128-3 (hardcover). xi + 267 pp. LCCN QC174.85.P76 G88 1999. URL <http://www.loc.gov/catdir/description/cam029/98040331.html>; <http://www.loc.gov/catdir/toc/cam025/98040331.html>.

Gibbons:2008:MDW

- [GW08] Gary Gibbons and Clifford M. Will. On the multiple deaths of Whitehead’s theory of gravity. *Studies in History and Philosophy of Modern Physics*, 39(1):41–61, January 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000482>.

Gyenis:2017:MND

- [Gye17] Bal azs Gyenis. Maxwell and the normal distribution: a colored story of probability, independence, and tendency toward equilibrium. *Studies in History and Philosophy of Modern Physics*, 57(??):53–65, February 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817300102>.

Huggett:1998:GUS

- [H⁺98] S. A. Huggett et al., editors. *The geometric universe: science, geometry, and the work of Roger Penrose*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 1998. ISBN 0-19-850059-9. xviii + 431 pp. LCCN QC20.7.G44

G463 1998. URL <http://www.loc.gov/catdir/enhancements/fy0605/97049208-d.html>; <http://www.loc.gov/catdir/enhancements/fy0605/97049208-t.html>.

Hawking:2002:FS

- [H⁺02] S. W. (Stephen W.) Hawking et al., editors. *The future of space-time*. Norton, New York, NY, USA, 2002. ISBN 0-393-02022-3. 220 pp. LCCN QC173.59.S65 F87 2002.

Hagar:2007:EMD

- [Hag07] Amit Hagar. Experimental metaphysics₂: The double standard in the quantum-information approach to the foundations of quantum theory. *Studies in History and Philosophy of Modern Physics*, 38(4):906–919, December 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000457>.

Hagar:2008:LME

- [Hag08] Amit Hagar. Length matters: The Einstein–Swann correspondence and the constructive approach to the Special Theory of Relativity. *Studies in History and Philosophy of Modern Physics*, 39(3):532–556, September 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000178>.

Hagar:2009:MLQ

- [Hag09] Amit Hagar. Minimal length in quantum gravity and the fate of Lorentz invariance. *Studies in History and Philosophy of Modern Physics*, 40(3):259–267, August 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000288>.

Hagar:2014:SCG

- [Hag14] Amit Hagar. Squaring the circle: Gleb Wataghin and the pre-history of quantum gravity. *Studies in History and Philosophy of Modern Physics*, 46 (part B)(?):217–227, May 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981300066X>.

Halvorson:2002:BRB

- [Hal02] Hans Halvorson. Book review: *On quanta, mind, and matter: Hans Primas in Context*: H. Atmanspacher, A. Amann, U. Müller-Herold (Eds), Kluwer, Boston, 1999, pp. 398 + viii, US\$192.00, £133.56 (hardback), ISBN 0-7923-5696-9. *Studies in History and Philosophy of Modern Physics*, 33(4):744–747, December 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000424>. See [PAAMH99].

Halvorson:2004:CRQ

- [Hal04a] Hans Halvorson. Complementarity of representations in quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 35(1):45–56, March 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000911>.

Halvorson:2004:ITC

- [Hal04b] Hans Halvorson. On information-theoretic characterizations of physical theories. *Studies in History and Philosophy of Modern Physics*, 35(2):277–293, June 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000073>.

Hamilton:2014:WWL

- [Ham14] J.-Ch. Hamilton. What have we learned from observational cosmology? *Studies in History and Philosophy of Modern Physics*, 46((Part A)):70–85, May 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000178>.

Hartmann:2001:EFT

- [Har01] Stephan Hartmann. Effective field theories, reductionism and scientific explanation. *Studies in History and Philosophy of Modern Physics*, 32(2):267–304, June 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000053>.

Harman:2002:BRB

- [Har02a] P. M. Harman. Book review: *Electrodynamics from Ampère to Einstein*: Olivier Darrigol, Oxford University Press, Oxford and

New York, 2000, xix + 532 pp., UK £75, ISBN 0-19-850594-9. *Studies in History and Philosophy of Modern Physics*, 33(2): 371–373, June 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000138>. See [Dar00].

Hartmann:2002:C

- [Har02b] Stephan Hartmann. On correspondence. *Studies in History and Philosophy of Modern Physics*, 33(1):79–94, March 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000387>.

Hardy:2003:PTG

- [Har03] Luci n Hardy. Probability theories in general and quantum theory in particular. *Studies in History and Philosophy of Modern Physics*, 34(3):381–393, September 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000340>.

Hardy:2004:QOE

- [Har04] Lucien Hardy. Quantum ontological excess baggage. *Studies in History and Philosophy of Modern Physics*, 35(2):267–276, June 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000048>.

Harrington:2008:SRF

- [Har08] James Harrington. Special relativity and the future: a defense of the point present. *Studies in History and Philosophy of Modern Physics*, 39(1):82–101, January 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000627>.

Harper:2020:HSS

- [Har20] William L. Harper. Howard Stein on sophisticated practice of philosophers/scientists. *Studies in History and Philosophy of Modern Physics*, 71(??):196–208, August 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818302053>.

Hättich:2005:BRM

- [Hät05] Frank Hättich. Book review: Michael Epperson, Editors, *Quantum mechanics and the philosophy of Alfred North Whitehead* (2004) Fordham University Press, New York ISBN 0-8232-2319-1 (256 pp., US \$55.00 cloth). *Studies in History and Philosophy of Modern Physics*, 36(1):199–202, March 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000747>. See [Epp04] and erratum [Hät05].

Hausman:2002:BRP

- [Hau02] Daniel M. Hausman. Book review: Physical causation: Phil Dowe, *Physical causation* (Cambridge Studies in Probability, Induction, and Decision Theory), Cambridge University Press, Cambridge, 2000, pp. ix + 224, price US\$60.00, ISBN 0-521-78049-7 hbk. *Studies in History and Philosophy of Modern Physics*, 33(4):717–724, December 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000382>. See [Dow00].

Hausman:2008:BRP

- [Hau08] Daniel M. Hausman. Book review: Price Huw, Corry Richard (Eds.), *Causation, Physics, and the Constitution of Reality: Russell's Republic Revisited*. Oxford University Press (2007), pp. 403 + ix, \$35, ISBN-13 978-0-19-927819-0. *Studies in History and Philosophy of Modern Physics*, 39(1):231–233, January 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000809>. See [PC07].

Hayes:2010:PRD

- [Hay10] Peter Hayes. Popper's response to Dingle on special relativity and the problem of the observer. *Studies in History and Philosophy of Modern Physics*, 41(4):354–361, November 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000663>.

Holland:2003:NRL

- [HB03] Peter Holland and Harvey R. Brown. The non-relativistic limits of the Maxwell and Dirac equations: the role of Galilean and gauge

invariance. *Studies in History and Philosophy of Modern Physics*, 34(2):161–187, June 2003. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000054>.

Hoddeson:2002:TGL

- [HD02] Lillian Hoddeson and Vicki Daitch. *True genius: the life and science of John Bardeen: the only winner of two Nobel Prizes in physics*. Joseph Henry Press, Washington, DC, USA, 2002. ISBN 0-309-08408-3. xi + 467 pp. LCCN QC16.B27 H63 2002. URL <http://www.loc.gov/catdir/toc/fy037/2002007967.html>.

Healey:2003:BRB

- [Hea03] Richard Healey. Book review: *Holism in philosophy of mind and philosophy of physics*: Michael Esfeld, Dordrecht, 2001, pp. xiv + 366, US \$113, ISBN 0-7923-7003-1. *Studies in History and Philosophy of Modern Physics*, 34(2):334–337, June 2003. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980300011X>. See [Esf01].

Healey:2004:GTH

- [Hea04] Richard Healey. Gauge theories and holisms. *Studies in History and Philosophy of Modern Physics*, 35(4):619–642, December 2004. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000553>.

Healey:2013:PC

- [Hea13] Richard Healey. Physical composition. *Studies in History and Philosophy of Modern Physics*, 44(1):48–62, February 2013. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000347>.

Healey:2014:CCR

- [Hea14] Richard A. Healey. Causality and chance in relativistic quantum field theories. *Studies in History and Philosophy of Modern Physics*, 48 (part B)(?):156–167, November 2014. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000252>.

Hebor:2005:SCG

- [Heb05] Jens Hebor. *The standard conception as genuine quantum realism*, volume 22 of *University of Southern Denmark studies in philosophy*. University Press of Southern Denmark, Odense, Denmark, 2005. ISBN 87-7838-968-2, 87-7838-848-1 (paperback). 231 pp. LCCN QC174.13 .H43 2005.

Hemmo:2002:QMM

- [Hem02] Meir Hemmo. The quantum mechanics of minds and worlds. *Studies in History and Philosophy of Modern Physics*, 33(3):541–553, September 2002. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000242>.

Hentschel:1992:ETE

- [Hen92] Klaus Hentschel. *Der Einstein-Turm: Erwin F. Freundlich und die Relativitätstheorie; Ansätze zu einer “dichten Beschreibung” von institutionellen, biographischen und theoriengeschichtlichen Aspekten.* (German) [*The Einstein Tower: Erwin F. friendly and the Theory of Relativity; Dense approaches to a description of institutional, biographical and theoretical-historical aspects*]. Spektrum Akademischer Verlag, Heidelberg, Germany, 1992. ISBN 3-86025-025-6. 192 pp. LCCN QB36.F73 H46 1992. See also English translation [Hen97].

Hentschel:1997:ETI

- [Hen97] Klaus Hentschel. *The Einstein Tower: an intertexture of dynamic construction, Relativity Theory, and astronomy*. Writing science. Stanford University Press, Stanford, CA, USA, 1997. ISBN 0-8047-2824-0. xiv + 226 pp. LCCN QB462.65. URL <http://www.gbv.de/dms/goettingen/220404755.pdf>. English translation by Ann M. Hentschel of the German original [Hen92].

Hentschel:1998:BIM

- [Hen98] Klaus Hentschel. A breakdown of intersubjective measurement: The case of solar-rotation measurements in the early 20th Century. *Studies in History and Philosophy of Modern Physics*, 29(4): 473–507, December 1998. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219898000252>.

Henson:2005:CCP

- [Hen05] Joe Henson. Comparing causality principles. *Studies in History and Philosophy of Modern Physics*, 36(3):519–543, September 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000365>.

Henderson:2010:CCI

- [Hen10a] James R. Henderson. Classes of Copenhagen interpretations: Mechanisms of collapse as typologically determinative. *Studies in History and Philosophy of Modern Physics*, 41(1):1–8, January 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980900046X>.

Hendry:2010:ORM

- [Hen10b] Robin Findlay Hendry. Ontological reduction and molecular structure. *Studies in History and Philosophy of Modern Physics*, 41(2):183–191, May 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000225>.

Henson:2013:CCP

- [Hen13] Joe Henson. Confounding causality principles: Comment on Rédei and San Pedro’s “Distinguishing causality principles”. *Studies in History and Philosophy of Modern Physics*, 44(1):17–19, February 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219812000561>.

Henderson:2014:CSL

- [Hen14] Leah Henderson. Can the Second Law be compatible with time reversal invariant dynamics? *Studies in History and Philosophy of Modern Physics*, 47(?):90–98, August 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000604>.

Hentschel:2015:PRT

- [Hen15] Klaus Hentschel. A periodization of research technologies and of the emergency of genericity. *Studies in History and Philosophy of Modern Physics*, 52 (part B)(?):223–233, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic).

(electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000611>.

Henderson:2020:QRI

- [Hen20] Leah Henderson. Quantum reaxiomatisations and information-theoretic interpretations of quantum theory. *Studies in History and Philosophy of Modern Physics*, 72(?):292–300, November 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817302095>.

Hermens:2011:PCI

- [Her11] Ronnie Hermens. The problem of contextuality and the impossibility of experimental metaphysics thereof. *Studies in History and Philosophy of Modern Physics*, 42(4):214–225, November 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000360>.

Herbut:2013:WRI

- [Her13] Fedor Herbut. Wavefunction reality, indeterminate properties and degrees of presence. *Studies in History and Philosophy of Modern Physics*, 44(3):182–190, August 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000245>.

Hermens:2019:MWF

- [Her19] R. Hermens. Book review: *The Meaning of the Wave Function — In Search of the Ontology of Quantum Mechanics*, Shan Gao. Cambridge University Press (2017). *Studies in History and Philosophy of Modern Physics*, 65(?):145–147, February 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818301321>.

Hermens:2020:CRC

- [Her20] R. Hermens. Completely real? A critical note on the claims by Colbeck and Renner. *Studies in History and Philosophy of Modern Physics*, 72(?):121–137, November 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219820301118>.

Hettema:1995:BTA

- [Het95] Hinne Hettema. Bohr's theory of the atom 1913–1923: a case study in the progress of scientific research programmes. *Studies in History and Philosophy of Modern Physics*, 26(3):307–323, December 1995. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219895000186>.

Heunen:2014:BRB

- [Heu14] Chris Heunen. Book review: *Foundations of Relational Realism: a Topological Approach to Quantum Mechanics and the Philosophy of Nature*, Michael Epperson, Elias Zafiris. Lexington Books (2013), 419pp., ISBN: 978-0-7391-8032-7. *Studies in History and Philosophy of Modern Physics*, 48 (part A):99–100, November 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000653>.

Heymann:2010:LTT

- [Hey10a] Matthias Heymann. Lumping, testing, tuning: The invention of an artificial chemistry in atmospheric transport modeling. *Studies in History and Philosophy of Modern Physics*, 41(3):218–232, September 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000420>.

Heymann:2010:UMC

- [Hey10b] Matthias Heymann. Understanding and misunderstanding computer simulation: The case of atmospheric and climate science — an introduction. *Studies in History and Philosophy of Modern Physics*, 41(3):193–200, September 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981000050X>.

Hon:2006:SAE

- [HG06] Giora Hon and Bernard R. Goldstein. Symmetry and asymmetry in electrodynamics from Rowland to Einstein. *Studies in History and Philosophy of Modern Physics*, 37(4):635–660, December 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000487>.

Hon:2012:MCA

- [HG12] Giora Hon and Bernard R. Goldstein. Maxwell's contrived analogy: an early version of the methodology of modeling. *Studies in History and Philosophy of Modern Physics*, 43(4):236–257, November 2012. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219812000524>.

Hagar:2013:PG

- [HH13] Amit Hagar and Meir Hemmo. The primacy of geometry. *Studies in History and Philosophy of Modern Physics*, 44(3):357–364, August 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000051>.

Higashi:2019:NGR

- [Hig19] Katsuaki Higashi. A no-go result on common cause approaches via Hardy relations. *Studies in History and Philosophy of Modern Physics*, 67(?):12–19, August 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818301114>.

Hiley:1997:BRB

- [Hil97] B. J. Hiley. Book review: *Quantum mechanics: Historical contingency and the Copenhagen hegemony* by James T. Cushing. *Studies in History and Philosophy of Modern Physics*, 28(2):299–305, June 1997. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897000051>. See [Cus94].

Hild:2000:TPP

- [Hil00] Matthias Hild. Trends in the philosophy of probability. *Studies in History and Philosophy of Modern Physics*, 31(3):419–422, September 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219800000113>.

Hilgevoord:2005:ETQ

- [Hil05a] Jan Hilgevoord. Erratum to “time in quantum mechanics: a story of confusion” [studies in history and philosophy of modern physics 36(1) (2005) 29-60]. *Studies in History and*

Philosophy of Modern Physics, 36(2):413, June 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000225>. See [Hil05b].

Hilgevoord:2005:TQM

- [Hil05b] Jan Hilgevoord. Time in quantum mechanics: a story of confusion. *Studies in History and Philosophy of Modern Physics*, 36(1):29–60, March 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000760>. See erratum [Hil05a].

Hermens:2018:CMR

- [HM18] R. Hermens and O. J. E. Maroney. Constraints on macroscopic realism without assuming non-invasive measurability. *Studies in History and Philosophy of Modern Physics*, 63(??):39–49, August 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817300990>.

Hofer:2000:ECG

- [Hoe00] Carl Hofer. Energy conservation in GTR. *Studies in History and Philosophy of Modern Physics*, 31(2):187–199, June 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219800000046>.

Hofer:2014:MPA

- [Hoe14] Carl Hofer. Mach’s principle as action-at-a-distance in GR: the causality question. *Studies in History and Philosophy of Modern Physics*, 48 (part B)(?):128–136, November 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814001026>.

Hogarth:1997:RCP

- [Hog97] Mark Hogarth. A remark concerning prediction and spacetime singularities. *Studies in History and Philosophy of Modern Physics*, 28(1):63–71, March 1997. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219896000263>.

Hokkyo:2008:RAS

- [Hok08] Noboru Hokkyo. Retrocausation acting in the single-electron double-slit interference experiment. *Studies in History and Philosophy of Modern Physics*, 39(4):762–766, November 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000348>.

Holland:1993:QTM

- [Hol93] Peter R. Holland. *The quantum theory of motion: an account of the de Broglie–Bohm causal interpretation of quantum mechanics*. Cambridge University Press, Cambridge, UK, 1993. ISBN 0-521-35404-8. xix + 598 pp. LCCN QC133 .H65 1993. URL <http://www.loc.gov/catdir/description/cam041/92020205.html>; <http://www.loc.gov/catdir/toc/cam041/92020205.html>.

Holland:1995:QTM

- [Hol95] P. R. Holland, editor. *The Quantum Theory of Motion. An Account of the de Broglie–Bohm Causal Interpretation of Quantum Mechanics*. Cambridge University Press, Cambridge, UK, 1995. ISBN 0-521-48543-6 (paperback), 0-521-35404-8 (hardcover). xx + 598 pp. LCCN QC133 .H65 1995.

Holland:2002:BRB

- [Hol02] Peter Holland. Book review: *More than the conscience of physics? From physics to philosophy*. J. Butterfield and C. Pagonis (Eds.), Cambridge University Press, Cambridge, 1999, 235 pp., price £40.00 hardback, ISBN 0-521-66025-4. *Studies in History and Philosophy of Modern Physics*, 33(3):576–582, September 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000254>. See [RBP99].

Holman:2014:FQG

- [Hol14] Marc Holman. Foundations of quantum gravity: the role of principles grounded in empirical reality. *Studies in History and Philosophy of Modern Physics*, 46 (part B)(?):142–153, May 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000890>.

Hrushovski:2004:GKS

- [HP04] Ehud Hrushovski and Itamar Pitowsky. Generalizations of Kochen and Specker's theorem and the effectiveness of Gleason's theorem. *Studies in History and Philosophy of Modern Physics*, 35(2):177–194, June 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000024>.

Hemmo:2007:QPM

- [HP07] Meir Hemmo and Itamar Pitowsky. Quantum probability and many worlds. *Studies in History and Philosophy of Modern Physics*, 38(2):333–350, June 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980700024X>.

Harre:2004:MGU

- [HR04] Rom Harré and Daniel Rothbart. *Modeling: gateway to the unknown: a work*, volume 1 of *Studies in multidisciplinaryity*. Elsevier, Amsterdam, The Netherlands, 2004. ISBN 0-444-51464-3 (hardcover), 0-08-053664-6 (e-book). xiii + 260 pp. LCCN Q175 .H32635 2004. URL <http://www.loc.gov/catdir/enhancements/fy0906/2008544275-d.html>.

Hemmo:2001:CWE

- [HS01] Meir Hemmo and Orly Shenker. Can we explain thermodynamics by quantum decoherence? *Studies in History and Philosophy of Modern Physics*, 32(4):555–568, December 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000296>.

Hemmo:2005:QDA

- [HS05] Meir Hemmo and Orly Shenker. Quantum decoherence and the approach to equilibrium (II). *Studies in History and Philosophy of Modern Physics*, 36(4):626–648, December 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000638>.

Hofer-Szabo:2015:RBP

- [HS15] Gábor Hofer-Szabó. On the relation between the probabilistic characterization of the common cause and Bell's notion of local causality. *Studies in History and Philosophy of Modern Physics*, 49

(?):32–41, February 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981400104X>.

Hofer-Szabo:2017:HHN

- [HS17] Gábor Hofer-Szabó. How human and nature shake hands: the role of no-conspiracy in physical theories. *Studies in History and Philosophy of Modern Physics*, 57(?):89–97, February 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816300636>.

Hemmo:2019:PIL

- [HS19] Meir Hemmo and Orly Shenker. The physics of implementing logic: Landauer’s principle and the multiple-computations theorem. *Studies in History and Philosophy of Modern Physics*, 68(?):90–105, November 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219819300048>.

Hofer-Szabo:2013:BIC

- [HSV13] Gábor Hofer-Szabó and Péter Vecsernyés. Bell inequality and common causal explanation in algebraic quantum field theory. *Studies in History and Philosophy of Modern Physics*, 44(4):404–416, November 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000683>.

Healey:2013:PWP

- [HU13] Richard Healey and Jos Uffink. Part and whole in physics: an introduction. *Studies in History and Philosophy of Modern Physics*, 44(1):20–21, February 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000669>.

Hudson:2003:NEE

- [Hud03] Robert G. Hudson. Novelty and the 1919 eclipse experiments. *Studies in History and Philosophy of Modern Physics*, 34(1):107–129, March 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000825>. See comments [May03].

Hudson:2007:AME

- [Hud07] Robert G. Hudson. Annual modulation experiments, galactic models and WIMPs. *Studies in History and Philosophy of Modern Physics*, 38(1):97–119, March 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000670>.

Hudetz:2015:LSC

- [Hud15] Laurenz Hudetz. Linear structures, causal sets and topology. *Studies in History and Philosophy of Modern Physics*, 52 (part B)(?): 294–308, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000842>.

Hughes:1998:MVC

- [Hug98] Jeff Hughes. ‘modernists with a vengeance’: Changing cultures of theory in nuclear science, 1920–1930. *Studies in History and Philosophy of Modern Physics*, 29(3):339–367, September 1998. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219898000124>.

Huggett:2017:TSS

- [Hug17] Nick Huggett. Target space \neq space. *Studies in History and Philosophy of Modern Physics*, 59(?):81–88, August 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000799>.

Humphreys:2002:BRB

- [Hum02] Paul Humphreys. Book review: *Models as mediators: perspectives on natural and social science* (Ideas in context, Vol. 52): M. S. Morgan and M. Morrison (Eds.), Cambridge University Press, Cambridge, 1999, 401 pp., US \$24.95 pbk, ISBN 0-521-65571-4. *Studies in History and Philosophy of Modern Physics*, 33(2): 374–377, June 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980200014X>. See [MM99].

Hunger:2002:LLP

- [Hun02] Johannes Hunger. Laws, lamps, and pianos. *Studies in History and Philosophy of Modern Physics*, 33(1):117–123, March

2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000156>.

Heinzmann:2014:HPD

[HV14] Gerhard Heinzmann and Cédric Villani. Henri Poincaré: Death centenary (1854–1912). *Studies in History and Philosophy of Modern Physics*, 47(??):117, August 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000665>.

Huggett:2013:ESQ

[HW13a] Nick Huggett and Christian Wüthrich. The emergence of spacetime in quantum theories of gravity. *Studies in History and Philosophy of Modern Physics*, 44(3):273–275, August 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000452>.

Huggett:2013:ESE

[HW13b] Nick Huggett and Christian Wüthrich. Emergent spacetime and empirical (in)coherence. *Studies in History and Philosophy of Modern Physics*, 44(3):276–285, August 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219812000676>.

Ivanova:2015:CPS

[IF15] Milena Ivanova and Matt Farr. Conventional principles in science: On the foundations and development of the relativized a priori. *Studies in History and Philosophy of Modern Physics*, 52 (part B)(?):111–113, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815001100>.

Isaacson:2007:EHL

[Isa07] Walter Isaacson. *Einstein: his life and universe*. Simon and Schuster, New York, NY, USA, 2007. ISBN 0-7432-6473-8. xxii + 675 + 16 pp. LCCN QC16.E5 I76 2007. URL <http://www.loc.gov/catdir/enhancements/fy0708/2006051264-d.html>; <http://www.loc.gov/catdir/enhancements/fy0745/2006051264-s.html>; <http://www.loc.gov/catdir/enhancements/>

fy0745/2006051264-t.html; <http://www.loc.gov/catdir/enhancements/fy1013/2006051264-b.html>.

Ito:2017:MQE

- [Ito17] Kenji Ito. Magnetrons and quantum electrodynamics: Engineering and physics in the case of Tomonaga Sin-itiro. *Studies in History and Philosophy of Modern Physics*, 60(?):110–122, November 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816301125>.

Ivanova:2015:CSN

- [Iva15] Milena Ivanova. Conventionalism, structuralism and neo-Kantianism in Poincaré's philosophy of science. *Studies in History and Philosophy of Modern Physics*, 52 (part B)(?):114–122, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000258>.

Jaeger:2000:BMQ

- [Jae00] Gregg Jaeger. Bohmian mechanics and quantum theory. *Studies in History and Philosophy of Modern Physics*, 31(1):105–108, March 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000234>.

Jammer:1999:ERP

- [Jam99] Max Jammer. *Einstein and religion: physics and theology*. Princeton University Press, Princeton, NJ, USA, 1999. ISBN 0-691-00699-7 (hardcover). 279 pp. LCCN QC16.E5 J36 1999. URL <http://www.loc.gov/catdir/description/prin021/99024124.html>; <http://www.loc.gov/catdir/samples/prin031/99024124.html>; <http://www.loc.gov/catdir/toc/prin032/99024124.html>.

Jammer:2000:CMC

- [Jam00] Max Jammer. *Concepts of mass in contemporary physics and philosophy*. Princeton University Press, Princeton, NJ, USA, 2000. ISBN 0-691-01017-X (hardcover). xi + 180 pp. LCCN QC106 .J355 2000. URL <http://www.loc.gov/catdir/description/prin021/99024113.html>; <http://www.loc.gov/catdir/toc/prin032/99024113.html>.

Jammer:2002:ERP

- [Jan02] Max Jammer. *Einstein and religion: physics and theology*. Princeton University Press, Princeton, NJ, USA, 2002. ISBN 0-691-10297-X (paperback), 1-4008-4087-2 (e-book). viii + 279 pp. LCCN QC16.E5 J36 2002. UK£11.95. URL <http://www.gbv.de/dms/bowker/toc/9780691102979.pdf>.

Janssen:2006:CEA

- [Jan06] Michel Janssen. 2005: The centenary of Einstein's *annus mirabilis*. *Studies in History and Philosophy of Modern Physics*, 37(1):1–4, March 2006. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980500095X>.

Janis:2008:SRC

- [Jan08] Allen I. Janis. Simultaneity, relativity and conventionality. *Studies in History and Philosophy of Modern Physics*, 39(1):217–224, January 2008. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000986>.

Janssen:2009:DLB

- [Jan09] Michel Janssen. Drawing the line between kinematics and dynamics in special relativity. *Studies in History and Philosophy of Modern Physics*, 40(1):26–52, January 2009. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000439>.

Jankovic:2010:CCJ

- [Jan10] Vladimir Jankovic. Climates as commodities: Jean Pierre Purry and the modelling of the best climate on Earth. *Studies in History and Philosophy of Modern Physics*, 41(3):201–207, September 2010. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000481>.

Janssen:2012:TBH

- [Jan12] Michel Janssen. The twins and the bucket: How Einstein made gravity rather than motion relative in general relativity. *Studies in History and Philosophy of Modern Physics*, 43(3):159–175, August 2012. CODEN ????? ISSN 1355-2198 (print), 1879-2502

(electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219812000056>.

Jansson:2016:EQM

- [Jan16] Lina Jansson. Everettian quantum mechanics and physical probability: Against the principle of “State Supervenience”. *Studies in History and Philosophy of Modern Physics*, 53(??):45–53, February 2016. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981530037X>.

Janssen:2019:HDL

- [Jan19] Michel Janssen. How did Lorentz find his theorem of corresponding states? *Studies in History and Philosophy of Modern Physics*, 67(??):167–175, August 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981730093X>.

Jammer:1995:ER

- [JAvWE95] Max Jammer, Jürgen Audretsch, Carl Friedrich von Weizsäcker, and Albert Einstein. *Einstein und die Religion. (German) [Einstein and Religion]*. Universitätsverlag Konstanz, Konstanz, Germany, 1995. ISBN 3-87940-484-4. 125 pp. LCCN BL240.2. DM 24.80; SFR 24.80; S 194.00. URL <http://www.gbv.de/dms/goettingen/148710794.pdf>.

Jaen:2014:CDE

- [JBP14] Xavier Jaén, Xavier Bohigas, and Arcadi Pejuan. A conceptual discussion on electromagnetic units — extending mechanical units towards a global system of units. *Studies in History and Philosophy of Modern Physics*, 46 (part B)(?):265–272, May 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981400015X>.

Jensen:2000:CCN

- [Jen00] Carsten Jensen. *Controversy and Consensus: Nuclear Beta Decay 1911–1934*, volume 24 of *Science networks historical studies*. Birkhäuser, Cambridge, MA, USA; Berlin, Germany; Basel, Switzerland, 2000. ISBN 3-0348-9569-0 (paperback), 3-7643-5313-9 (hardcover), 3-0348-8444-3 (e-book). xv + 217 pp. LCCN QC793.5.B425 J46 2000. URL <http://www.springerlink.com/content/978-3-0348-8444-0>. Carsten Jensen died of cancer a

few months after presenting his doctoral dissertation in 1990 at the University of Copenhagen. Finn Aaserud, Helge Kragh, Erik Rüdinger, and Roger H. Stuewer produced this book as a slightly edited version of that work, supplying additional figures, but leaving the prose largely untouched.

Jijnasu:2016:UPS

- [Jij16] Vasudeva Jijnasu. The uncertainty principle — a simplified review of the four versions. *Studies in History and Philosophy of Modern Physics*, 55(?):62–71, August 2016. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816300132>.

Joas:2011:AEN

- [JK11] Christian Joas and Shaul Katzir. Analogy, extension, and novelty: Young Schrödinger on electric phenomena in solids. *Studies in History and Philosophy of Modern Physics*, 42(1):43–53, February 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000025>.

Joas:2009:CRW

- [JL09] Christian Joas and Christoph Lehner. The classical roots of wave mechanics: Schrödinger's transformations of the optical-mechanical analogy. *Studies in History and Philosophy of Modern Physics*, 40(4):338–351, December 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000331>.

Jaksland:2020:HHH

- [JL20] Rasmus Jaksland and Niels S. Linnemann. Holography without holography: How to turn inter-representational into intra-theoretical relations in AdS/CFT. *Studies in History and Philosophy of Modern Physics*, 71(?):101–117, August 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219819301145>.

Johansson:2011:STG

- [JM11] Lars-Göran Johansson and Keizo Matsubara. String theory and general methodology: a mutual evaluation. *Studies in History and Philosophy of Modern Physics*, 42(3):199–210, August 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502

(electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000396>.

Janssen:2007:GGRa

- [JNR⁺07] Michel Janssen, John Norton, Jürgen Renn, Sauer Tilmann, John Stachel, and Lindy Divarci. *The Genesis of General Relativity: Volume 1. Einstein's Zurich Notebook: Introduction and Source*, volume 250(1) of *Boston Studies in the Philosophy of Science*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2007. ISBN 1-4020-3999-9 (hardcover), 1-4020-4000-8 (e-book). ISSN 0068-0346. 487 pp. LCCN Q174 .B67 no. 250 v. 1; QC173.6 .G469 2007.

Johansson:2007:IQM

- [Joh07] Lars-Göran Johansson. *Interpreting quantum mechanics: a realistic view in Schrödinger's vein*. Ashgate, Aldershot, England, 2007. ISBN 0-7546-5738-8 (hardcover). xii + 195 pp. LCCN QC174.12 .J639 2007. URL <http://www.loc.gov/catdir/toc/ecip076/2006100194.html>.

Johns:2019:VEH

- [Joh19] Oliver Davis Johns. Validity of the Einstein hole argument. *Studies in History and Philosophy of Modern Physics*, 68(??): 62–70, November 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981830025X>.

Jones:2009:GRS

- [Jon09] Nicolaos Jones. General Relativity and the Standard Model: Why evidence for one does not disconfirm the other. *Studies in History and Philosophy of Modern Physics*, 40(2):124–132, May 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000798>.

Janssen:2007:GGRb

- [JRN⁺07] Michel Janssen, Jürgen Renn, John Norton, Sauer Tilmann, and John Stachel. *The Genesis of General Relativity: Volume 2. Einstein's Zurich Notebook: Commentary and Essays*, volume 250(2) of *Boston Studies in the Philosophy of Science*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2007. ISBN 1-4020-3942-5. ISSN 0068-0346. 489–938 pp. LCCN Q174 .B67 no. 250 v. 2; QC173.6 .G469 2007.

Kadanoff:2013:RTR

- [Kad13] Leo P. Kadanoff. Relating theories via renormalization. *Studies in History and Philosophy of Modern Physics*, 44(1):22–39, February 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219812000391>.

Kaiser:1998:JPP

- [Kai98] David Kaiser. A ψ is just a ψ ? Pedagogy, practice, and the reconstitution of General Relativity, 1942–1975. *Studies in History and Philosophy of Modern Physics*, 29(3):321–338, September 1998. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219898000100>.

Kaiser:2005:DTA

- [Kai05] David Kaiser. *Drawing theories apart: the dispersion of Feynman diagrams in postwar physics*. University of Chicago Press, Chicago, IL, USA and London, UK, 2005. ISBN 0-226-42266-6, 0-226-42267-4 (paperback). xix + 469 pp. LCCN QC794.6.F4 K35 2005. URL <http://www.loc.gov/catdir/bios/uchi051/2004023335.html>; <http://www.loc.gov/catdir/enhancements/fy0617/2004023335-d.html>; <http://www.loc.gov/catdir/toc/ecip051/2004023335.html>.

Kantorovich:2003:PIS

- [Kan03] Aharon Kantorovich. The priority of internal symmetries in particle physics. *Studies in History and Philosophy of Modern Physics*, 34(4):651–675, December 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000674>. See erratum [Kan04].

Kantorovich:2004:EPI

- [Kan04] Aharon Kantorovich. Erratum to: “The priority of internal symmetries in particle physics”: [Stud. Hist. Philos. Mod. Phys. 34 (2003) 651–675]. *Studies in History and Philosophy of Modern Physics*, 35(1):139, March 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000935>. See [Kan03].

Karakostas:1997:CSL

- [Kar97] Vassilios Karakostas. The conventionality of simultaneity in the light of the spinor representation of the Lorentz group. *Studies in History and Philosophy of Modern Physics*, 28(2):249–276, June 1997. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897000063>.

Karachalios:2000:MQC

- [Kar00] Andreas Karachalios. On the making of quantum chemistry in Germany. *Studies in History and Philosophy of Modern Physics*, 31(4):493–510, December 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219800000265>.

Karaca:2013:CHM

- [Kar13] Koray Karaca. The construction of the Higgs mechanism and the emergence of the electroweak theory. *Studies in History and Philosophy of Modern Physics*, 44(1):1–16, February 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981200041X>.

Kastner:1999:TSQ

- [Kas99] R. E. Kastner. Time-symmetrised quantum theory, counterfactuals and ‘advanced action’. *Studies in History and Philosophy of Modern Physics*, 30(2):237–259, June 1999. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000040>.

Kastner:2004:WVC

- [Kas04] R. E. Kastner. Weak values and consistent histories in quantum theory. *Studies in History and Philosophy of Modern Physics*, 35(1):57–71, March 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000881>.

Kastner:2005:WAE

- [Kas05] R. E. Kastner. Why the Afshar experiment does not refute complementarity. *Studies in History and Philosophy of Modern Physics*, 36(4):649–658, December 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S1355219805000626>.

Kastner:2008:TIC

- [Kas08] Ruth E. Kastner. The transactional interpretation, counterfactuals, and weak values in quantum theory. *Studies in History and Philosophy of Modern Physics*, 39(4):806–818, November 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000282>.

Kastner:2010:QLE

- [Kas10] Ruth E. Kastner. The quantum liar experiment in Cramer’s transactional interpretation. *Studies in History and Philosophy of Modern Physics*, 41(2):86–92, May 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981000002X>.

Kastner:2014:EPO

- [Kas14a] Ruth E. Kastner. ‘Einselection’ of pointer observables: the new *H*-theorem? *Studies in History and Philosophy of Modern Physics*, 48 (part A)(?):56–58, November 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981400063X>.

Kastner:2014:MCR

- [Kas14b] Ruth E. Kastner. Maudlin’s challenge refuted: a reply to Lewis. *Studies in History and Philosophy of Modern Physics*, 47(??):15–20, August 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000264>.

Katzir:2003:MCN

- [Kat03] Shaul Katzir. Measuring constants of nature: confirmation and determination in piezoelectricity. *Studies in History and Philosophy of Modern Physics*, 34(4):579–606, December 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000649>.

Katzav:2013:STC

- [Kat13] Joel Katzav. Severe testing of climate change hypotheses. *Studies in History and Philosophy of Modern Physics*, 44(4):433–441, November 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000774>.

Katzav:2014:ECM

- [Kat14] Joel Katzav. The epistemology of climate models and some of its implications for climate science and the philosophy of science. *Studies in History and Philosophy of Modern Physics*, 46 (part B)(?):228–238, May 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000240>.

Kaveh:2014:ICS

- [Kav14] Shahin Kaveh. The incongruent correspondence: Seven non-classical years of old quantum theory. *Studies in History and Philosophy of Modern Physics*, 46 (part B)(?):239–246, May 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000227>.

Katzav:2012:ACM

- [KDdL12] Joel Katzav, Henk A. Dijkstra, and A. T. J. (Jos) de Laat. Assessing climate model projections: State of the art and philosophical reflections. *Studies in History and Philosophy of Modern Physics*, 43(4):258–276, November 2012. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219812000536>.

Kennedy:2005:EEP

- [Ken05] W. L. Kennedy. On Einstein’s 1905 electrodynamics paper. *Studies in History and Philosophy of Modern Physics*, 36(1):61–65, March 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000784>.

Kilmister:1996:TS

- [Kil96] Clive Kilmister. Time: And space? *Studies in History and Philosophy of Modern Physics*, 27(4):525–531, December

1996. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897809483>.

Kuhlmann:2002:OAQ

[KLW02] Meinard Kuhlmann, Holger Lyre, and Andrew Wayne, editors. *Ontological aspects of quantum field theory*. World Scientific Publishing Co., Singapore; Philadelphia, PA, USA; River Edge, NJ, USA, 2002. ISBN 981-238-182-1. LCCN QC174.45.A1 O58 2002.

Knox:2011:NCT

[Kno11] Eleanor Knox. Newton–Cartan theory and teleparallel gravity: The force of a formulation. *Studies in History and Philosophy of Modern Physics*, 42(4):264–275, November 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000554>.

Knox:2013:ESG

[Kno13] Eleanor Knox. Effective spacetime geometry. *Studies in History and Philosophy of Modern Physics*, 44(3):346–356, August 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000373>.

Knox:2019:PRF

[Kno19] Eleanor Knox. Physical relativity from a functionalist perspective. *Studies in History and Philosophy of Modern Physics*, 67(??):118–124, August 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817301247>.

Koberinski:2019:PVW

[Kob19] Adam Koberinski. Parity violation in weak interactions: How experiment can shape a theoretical framework. *Studies in History and Philosophy of Modern Physics*, 67(??):64–77, August 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818301047>.

Kosso:2013:EDM

[Kos13] Peter Kosso. Evidence of dark matter, and the interpretive role of general relativity. *Studies in History and Phi-*

losophy of Modern Physics, 44(2):143–147, May 2013. CODEN ????. ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981300021X>.

Koutsoyiannis:2013:PUG

- [Kou13] Demetris Koutsoyiannis. Physics of uncertainty, the Gibbs paradox and indistinguishable particles. *Studies in History and Philosophy of Modern Physics*, 44(4):480–489, November 2013. CODEN ????. ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000749>.

Kox:2006:CCA

- [Kox06] A. J. Kox. Confusion and clarification: Albert Einstein and Walther Nernst’s Heat Theorem, 1911–1916. *Studies in History and Philosophy of Modern Physics*, 37(1):101–114, March 2006. CODEN ????. ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000687>.

Koznjak:2018:MHB

- [Koz18] Boris Koznjak. The missing history of Bohm’s hidden variables theory: The Ninth Symposium of the Colston Research Society, Bristol, 1957. *Studies in History and Philosophy of Modern Physics*, 62(??):85–97, May 2018. CODEN ????. ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817300539>.

Katzav:2018:ITF

- [KP18] Joel Katzav and Wendy S. Parker. Issues in the theoretical foundations of climate science. *Studies in History and Philosophy of Modern Physics*, 63(??):136–140, August 2018. CODEN ????. ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817301648>.

Kragh:2002:BCM

- [KR02] Helge Kragh and Simon Rebsdorf. Before cosmophysics: E. A. Milne on mathematics and physics. *Studies in History and Philosophy of Modern Physics*, 33(1):35–50, March 2002. CODEN ????. ISSN 1355-2198 (print), 1879-2502 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S1355219801000351>.

Kitajima:2015:CCC

- [KR15] Yuichiro Kitajima and Miklós Rédei. Characterizing common cause closedness of quantum probability theories. *Studies in History and Philosophy of Modern Physics*, 52 (part B)(?):234–241, November 2015. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000647>.

Kragh:1996:CCH

- [Kra96] Helge Kragh. *Cosmology and Controversy: the Historical Development of Two Theories of the Universe*. Princeton University Press, Princeton, NJ, USA, 1996. ISBN 0-691-02623-8 (hardcover). xiii + 500 pp. LCCN QB981 .K73 1996. URL <http://www.loc.gov/catdir/description/prin031/96005612.html>; <http://www.loc.gov/catdir/toc/prin031/96005612.html>.

Kragh:2000:CCC

- [Kra00] Helge Kragh. Conceptual changes in chemistry: The notion of a chemical element, ca. 1900–1925. *Studies in History and Philosophy of Modern Physics*, 31(4):435–450, December 2000. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219800000253>.

Kragh:2002:BRB

- [Kra02a] Helge Kragh. Book review: *The genius of science: a portrait gallery of Twentieth-Century physicists*: Abraham Pais, Oxford University Press, New York, 2000, 365 pp., UK £26.50, ISBN 0-19-850614-7. *Studies in History and Philosophy of Modern Physics*, 33(2):357–359, June 2002. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000084>. See [Pai00].

Kragh:2002:QGH

- [Kra02b] Helge Kragh. *Quantum generations: a history of physics in the Twentieth Century*. Princeton University Press, Princeton, NJ, USA, 2002. ISBN 0-691-01206-7, 0-691-09552-3 (paperback). xiv + 494 pp. LCCN QC7 .K7 2002a.

Kragh:2006:BRO

- [Kra06a] Helge Kragh. Book review: Olivier Darrigol, *Worlds of flow: a history of hydrodynamics from the Bernoullis to Prandtl*, Cambridge University Press, Cambridge, ISBN 0-19-856843-6, 2005 (356 pp. £35.00, Hardback). *Studies in History and Philosophy of Modern Physics*, 37(2):391–392, June 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000062>. See [Dar05].

Kragh:2006:CVS

- [Kra06b] Helge S. Kragh. Cosmologies with varying speed of light: a historical perspective. *Studies in History and Philosophy of Modern Physics*, 37(4):726–737, December 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000530>.

Kragh:2012:IEP

- [Kra12] Helge Kragh. The isotope effect: Prediction, discussion, and discovery. *Studies in History and Philosophy of Modern Physics*, 43(3):176–183, August 2012. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219812000366>.

Kragh:2014:TES

- [Kra14] Helge Kragh. Testability and epistemic shifts in modern cosmology. *Studies in History and Philosophy of Modern Physics*, 46((Part A)):48–56, May 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981200069X>.

Kragh:2015:BRT

- [Kra15] Helge Kragh. Book review: *The Twilight of the Scientific Age*, Martín López Corredoira. Brown Walker Press, Boca Raton, FL (2013). 208 pp., \$25.95, ISBN-13: 978-1-61233-634-3. *Studies in History and Philosophy of Modern Physics*, 52 (part B)(?):369–370, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000891>.

Krieger:2001:FCS

- [Kri01] Martin H. Krieger. Foundations of complex-systems theories. *Studies in History and Philosophy of Modern Physics*, 32(1):135–136, March 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S13552198000006X>.

Kronz:2008:NMP

- [Kro08] Fred Kronz. Non-monotonic probability theory for n -state quantum systems. *Studies in History and Philosophy of Modern Physics*, 39(2):259–272, May 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980700113X>.

Koberinski:2020:QDQ

- [KS20] Adam Koberinski and Chris Smeenk. Q.E.D., QED. *Studies in History and Philosophy of Modern Physics*, 71(??):1–13, August 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219819302369>.

LopezCorredoira:2013:TSA

- [Lan13] M. (Martín) López Corredoira. *The twilight of the scientific age*. BrownWalker Press, Boca Raton, FL, USA, 2013. ISBN 1-61233-634-5 (paperback). vi + 208 pp. LCCN Q174.8 .L65 2013.

Lacki:2004:PCT

- [Lac04] Jan Lacki. The puzzle of canonical transformations in early quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 35(3):317–344, September 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000346>.

Landsman:1995:OSQ

- [Lan95] N. P. Landsman. Observation and superselection in quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 26(1):45–73, April 1995. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521989500001A>.

Landsman:1996:LQP

- [Lan96] N. P. Landsman. Local quantum physics. *Studies in History and Philosophy of Modern Physics*, 27(4):511–524, Decem-

ber 1996. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219896000202>. See erratum [Ano97c].

Landsman:1998:MTB

- [Lan98] N. P. (Nicholas P.) Landsman. *Mathematical topics between classical and quantum mechanics*. Springer monographs in mathematics. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1998. ISBN 0-387-98318-X (hardcover). xix + 529 pp. LCCN QC174.17.M35 L36 1998. URL <http://www.loc.gov/catdir/enhancements/fy0818/98018391-d.html>; <http://www.loc.gov/catdir/enhancements/fy0818/98018391-t.html>.

Landsberg:2000:SUI

- [Lan00] Peter Theodore Landsberg. *Seeking ultimates: an intuitive guide to physics*. Institute of Physics Publishers, Bristol, UK, 2000. ISBN 0-585-24916-4 (e-book), 0-7503-0656-4 (hardcover), 0-7503-0657-2 (paperback). xi + 314 pp. LCCN QC23 .L324 2000. URL <http://www.loc.gov/catdir/enhancements/fy0668/99055029-d.html>.

Landsman:2002:BRG

- [Lan02] N. P. Landsman. Book review: Getting even with Heisenberg: P. L. Rose, *Heisenberg and the Nazi Atomic Bomb Project: A Study in German Culture*, University of California Press, Berkeley, 1998, xx + 352 pp. \$35, £21.95, ISBN 0-7923-3794-8, hbk. *Studies in History and Philosophy of Modern Physics*, 33(2): 297–325, June 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000151>. See [Sch96].

Landsman:2006:WCM

- [Lan06] N. P. Landsman. When champions meet: Rethinking the Bohr–Einstein debate. *Studies in History and Philosophy of Modern Physics*, 37(1):212–242, March 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000869>.

Lange:2007:LML

- [Lan07] Marc Lange. Laws and meta-laws of nature: Conservation laws and symmetries. *Studies in History and Philosophy of Modern Physics*, 38(3):457–481, September 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S1355219806000943>.

Landsman:2008:BRM

- [Lan08] N. P. Landsman. Book review: Matthias Dörries (Ed.), *Michael Frayn's Copenhagen in Debate: Historical Essays and Documents on the 1941 Meeting Between Niels Bohr and Werner Heisenberg*. Office for History of Science and Technology, University of California, Berkeley, ISBN 0-9672617-2-4, 2005 (viii + 195 pp., \$12.00 pbk). *Studies in History and Philosophy of Modern Physics*, 39 (2):462–464, May 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807001025>. See [Dör05b].

Landsman:2009:BRB

- [Lan09a] N. P. Landsman. Book review: *Decoherence and the quantum-to-classical transition* (Springer, Berlin, 2007, Corrected Second Printing, 2008), xv + 416 pp., ISBN-13 978-3-540-35773-5, hardcover, 74.85 euro. *Studies in History and Philosophy of Modern Physics*, 40(1):94–95, January 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000804>. See [SS07].

Lange:2009:LLS

- [Lan09b] Marc Lange. *Laws and Lawmakers: Science, Metaphysics, and the Laws of Nature*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 2009. ISBN 0-19-532814-0 (paperback), 0-19-532813-2 (hardback). xviii + 257 pp. LCCN Q175.32.R45 L36 2009; BD581 .L255 2009.

Landsman:2013:SSB

- [Lan13] N. P. Landsman. Spontaneous symmetry breaking in quantum systems: Emergence or reduction? *Studies in History and Philosophy of Modern Physics*, 44(4):379–394, November 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981300052X>.

Landsman:2017:NFW

- [Lan17] Klaas Landsman. On the notion of free will in the Free Will Theorem. *Studies in History and Philosophy of Modern Physics*, 57(??): 98–103, February 2017. CODEN ???? ISSN 1355-2198 (print),

1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815300368>.

Laraudogoitia:2007:SDA

- [Lar07] Jon Pérez Laraudogoitia. Supertasks, dynamical attractors and indeterminism. *Studies in History and Philosophy of Modern Physics*, 38(4):724–731, December 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806001018>.

Laraudogoitia:2008:ECS

- [Lar08a] Jon Pérez Laraudogoitia. Energy conservation and supertasks. *Studies in History and Philosophy of Modern Physics*, 39(2):364–379, May 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980800004X>.

Larsson:2008:BRB

- [Lar08b] Jan-Åke Larsson. Book review: *Quantum Mechanics at the Crossroads*, James Evans, Alan S. Thorndike. Springer, Berlin (2007). 249 pp., Hardcover, US\$69.95, ISBN-13 978-3-540-32663-2. *Studies in History and Philosophy of Modern Physics*, 39(1):229–230, January 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000603>. See [ET07].

Laudisa:1996:NLD

- [Lau96a] Federico Laudisa. Non-locality: a defence of widespread beliefs. *Studies in History and Philosophy of Modern Physics*, 27(3):297–313, September 1996. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219896000093>.

Laudisa:1996:SDS

- [Lau96b] Federico Laudisa. Still in defence: a short reply on non-locality and widespread beliefs. *Studies in History and Philosophy of Modern Physics*, 27(3):331–335, September 1996. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219896000111>.

Lavis:2005:BGA

- [Lav05] D. A. Lavis. Boltzmann and Gibbs: an attempted reconciliation. *Studies in History and Philosophy of Modern Physics*, 36 (2):245–273, June 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000043>.

Lavis:2012:BRG

- [Lav12] D. A. Lavis. Book review: Gerhard Ernst & Andreas Hüttemann (Eds.), *Time, chance and reduction. Philosophical aspects of statistical mechanics*. Cambridge University Press, Cambridge, England (2010). 211 pp., £55, ISBN: 978-0-521-88401-3. *Studies in History and Philosophy of Modern Physics*, 43(1):69–71, February 2012. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000645>. See [EH10].

Lavis:2018:PEP

- [Lav18] David A. Lavis. The problem of equilibrium processes in thermodynamics. *Studies in History and Philosophy of Modern Physics*, 62(??):136–144, May 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817300217>.

Lavis:2019:QNT

- [Lav19] David A. Lavis. The question of negative temperatures in thermodynamics and statistical mechanics. *Studies in History and Philosophy of Modern Physics*, 67(??):26–63, August 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818300893>.

Lazarovici:2018:SHS

- [Laz18] Dustin Lazarovici. Super-Humeanism: a starving ontology. *Studies in History and Philosophy of Modern Physics*, 64(??):79–86, November 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818300029>.

Lombardi:2008:MHI

- [LC08] Olimpia Lombardi and Mario Castagnino. A modal-Hamiltonian interpretation of quantum mechanics. *Studies in History and*

Philosophy of Modern Physics, 39(2):380–443, May 2008. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000051>.

Lopez-Corredoira:2014:NSM

- [LC14] Martín López-Corredoira. Non-standard models and the sociology of cosmology. *Studies in History and Philosophy of Modern Physics*, 46((Part A)):86–96, May 2014. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813001068>.

Lombardi:2010:MHI

- [LCA10] Olimpia Lombardi, Mario Castagnino, and Juan Sebastián Ardenghi. The modal-Hamiltonian interpretation and the Galilean covariance of quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 41(2):93–103, May 2010. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981000016X>.

LePoidevin:1997:RR

- [Le 97] Robin Le Poidevin. Relative realities. *Studies in History and Philosophy of Modern Physics*, 28(4):541–546, December 1997. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897000208>.

LeBihan:2009:FWF

- [Le 09] Soazig Le Bihan. Fine ways to fail to secure local realism. *Studies in History and Philosophy of Modern Physics*, 40(2):142–150, May 2009. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000094>.

Liu:2005:EQS

- [LE05] Chuang Liu and Gérard G. Emch. Explaining quantum spontaneous symmetry breaking. *Studies in History and Philosophy of Modern Physics*, 36(1):137–163, March 2005. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000875>.

Lam:2013:DES

- [LE13] Vincent Lam and Michael Esfeld. A dilemma for the emergence of spacetime in canonical quantum gravity. *Studies in History and Philosophy of Modern Physics*, 44(3):286–293, August 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219812000214>.

Lederer:2015:QHE

- [Led15] P. Lederer. The quantum Hall effects: Philosophical approach. *Studies in History and Philosophy of Modern Physics*, 50(??):25–42, May 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000118>.

Lee:2011:NMC

- [Lee11] Chunghyoung Lee. Nonconservation of momentum in classical mechanics. *Studies in History and Philosophy of Modern Physics*, 42(1):68–73, February 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000049>.

Leegwater:2016:ITP

- [Lee16] Gijs Leegwater. An impossibility theorem for parameter independent hidden variable theories. *Studies in History and Philosophy of Modern Physics*, 54(??):18–34, May 2016. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816000034>.

Lehmkuhl:2014:WED

- [Leh14] Dennis Lehmkuhl. Why Einstein did not believe that general relativity geometrizes gravity. *Studies in History and Philosophy of Modern Physics*, 46 (part B)(?):316–326, May 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000695>.

Lehmkuhl:2019:GRH

- [Leh19] Dennis Lehmkuhl. General relativity as a hybrid theory: the genesis of Einstein’s work on the problem of motion. *Studies in History and Philosophy of Modern Physics*, 67(??):176–190, August 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502

(electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817301314>.

Lentze:2019:DCM

- [Len19] Georg Lentze. Dialogue concerning magnetic forces. *Studies in History and Philosophy of Modern Physics*, 68(?):158–162, November 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219819300528>.

Lesche:2014:Q

- [Les14] Bernhard Lesche. The $c = \hbar = G = 1$ -question. *Studies in History and Philosophy of Modern Physics*, 47(?):107–116, August 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000616>.

Lewis:2005:ISC

- [Lew05] Peter J. Lewis. Interpreting spontaneous collapse theories. *Studies in History and Philosophy of Modern Physics*, 36(1):165–180, March 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000619>.

Lewis:2007:UPB

- [Lew07] Peter J. Lewis. Uncertainty and probability for branching selves. *Studies in History and Philosophy of Modern Physics*, 38(1):1–14, March 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000517>.

Lewis:2013:RQM

- [Lew13] Peter J. Lewis. Retrocausal quantum mechanics: Maudlin’s challenge revisited. *Studies in History and Philosophy of Modern Physics*, 44(4):442–449, November 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000786>.

Lombardi:2016:WQI

- [LHV16] Olimpia Lombardi, Federico Holik, and Leonardo Vanni. What is quantum information? *Studies in History and Philosophy of Modern Physics*, 56(?):17–26, November 2016. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S1355219816301629>.

Li:2013:ISD

- [Li13] Bihui Li. Interpretive strategies for deductively insecure theories: the case of early quantum electrodynamics. *Studies in History and Philosophy of Modern Physics*, 44(4):395–403, November 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000701>.

Linnemann:2020:NER

- [Lin20] Niels S. Linnemann. Non-empirical robustness arguments in quantum gravity. *Studies in History and Philosophy of Modern Physics*, 72(?):70–86, November 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219820300939>.

LeBihan:2019:WLS

- [LL19] Baptiste Le Bihan and Niels Linnemann. Have we lost space-time on the way? Narrowing the gap between general relativity and quantum gravity. *Studies in History and Philosophy of Modern Physics*, 65(?):112–121, February 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818300716>.

Ladyman:2013:ENF

- [LLB13] James Ladyman, Øystein Linnebo, and Tomasz Bigaj. Entanglement and non-factorizability. *Studies in History and Philosophy of Modern Physics*, 44(3):215–221, August 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000191>.

Loewer:2001:DC

- [Loe01] Barry Loewer. Determinism and chance. *Studies in History and Philosophy of Modern Physics*, 32(4):609–620, December 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000284>.

Lusanna:2006:ELE

- [LP06] Luca Lusanna and Massimo Pauri. Explaining Leibniz equivalence as difference of non-inertial appearances: Dis-solution of the Hole Argument and physical individuation of point-events. *Studies in History and Philosophy of Modern Physics*, 37(4):692–725, December 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000505>.

Lancaster:2015:REF

- [LP15] Tom Lancaster and Mark Pexton. Reduction and emergence in the fractional quantum Hall state. *Studies in History and Philosophy of Modern Physics*, 52 (part B)(?):343–357, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000933>.

Ladyman:2008:UIT

- [LPS08] James Ladyman, Stuart Presnell, and Anthony J. Short. The use of the information-theoretic entropy in thermodynamics. *Studies in History and Philosophy of Modern Physics*, 39(2):315–324, May 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000075>.

Ladyman:2007:CBL

- [LPSG07] James Ladyman, Stuart Presnell, Anthony J. Short, and Berry Groisman. The connection between logical and thermodynamic irreversibility. *Studies in History and Philosophy of Modern Physics*, 38(1):58–79, March 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000682>.

Leff:2003:MDE

- [LR03] Harvey S. Leff and Andrew F. Rex, editors. *Maxwell's Demon 2: entropy, classical and quantum information, computing*. Institute of Physics Publishers, Bristol, UK, 2003. ISBN 0-7503-0759-5. xvi + 485 pp. LCCN QA318.M35 M38 2003. URL <http://www.loc.gov/catdir/enhancements/fy0806/2007299804-d.html>; <http://www.loc.gov/catdir/toc/fy0802/2007299804.html>.

Ladyman:2013:LDR

- [LR13] James Ladyman and Katie Robertson. Landauer defended: Reply to Norton. *Studies in History and Philosophy of Modern Physics*, 44(3):263–271, August 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000208>.

Lachieze-Rey:2014:SRT

- [LR14] Marc Lachièze-Rey. In search of relativistic time. *Studies in History and Philosophy of Modern Physics*, 46((Part A)):38–47, May 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000112>.

Lacki:1999:RSC

- [LRT99] J. Lacki, H. Ruegg, and V. L. Telegdi. The road to Stueckelberg’s covariant perturbation theory as illustrated by successive treatments of Compton scattering. *Studies in History and Philosophy of Modern Physics*, 30(4):457–518, December 1999. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000210>.

Lawvere:1997:CMF

- [LS97] F. W. Lawvere and S. H. (Stephen Hoel) Schanuel. *Conceptual mathematics: a first introduction to categories*. Cambridge University Press, Cambridge, UK, 1997. ISBN 0-521-47249-0 (hardcover), 0-521-48717-0 (paperback). xii + 358 pp. LCCN QA169 .L355 1997. URL <http://www.loc.gov/catdir/description/cam027/95044725.html>; <http://www.loc.gov/catdir/toc/cam023/95044725.html>.

Lavis:2002:PFI

- [LS02] D. A. Lavis and R. F. Streater. Physics from Fisher information. *Studies in History and Philosophy of Modern Physics*, 33(2):327–343, June 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000072>.

Luczak:2017:TAT

- [Luc17] Joshua Luczak. Talk about toy models. *Studies in History and Philosophy of Modern Physics*, 57(??):1–7, February

2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816300260>.

Lupher:2003:BRB

- [Lup03] Tracy Lupher. Book review: *John von Neumann and the foundations of quantum physics*: (Vienna Circle Institute yearbook (2000), 8) Miklos Redei and Michael Stoltzner (Eds.); Kluwer Academic Publishers, Dordrecht, 2001, pp., US \$125, ISBN 0-7923-6812-6. *Studies in History and Philosophy of Modern Physics*, 34(4):684–687, December 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000704>. See [RS01].

Lutzen:2005:MIG

- [Lüt05] Jesper Lützen. *Mechanistic images in geometric form: Heinrich Hertz's Principles of Mechanics*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 2005. ISBN 0-19-856737-5. xiii + 318 pp. LCCN QA805 .L85 2005. URL <http://www.loc.gov/catdir/enhancements/fy0638/2005001534-d.html>; <http://www.loc.gov/catdir/enhancements/fy0725/2005001534-b.html>; <http://www.loc.gov/catdir/toc/ecip056/2005001534.html>.

Linnemann:2018:HTE

- [LV18] Niels S. Linnemann and Manus R. Visser. Hints towards the emergent nature of gravity. *Studies in History and Philosophy of Modern Physics*, 64(?):1–13, November 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817302046>.

Lenhard:2010:HEF

- [LW10] Johannes Lenhard and Eric Winsberg. Holism, entrenchment, and the future of climate model pluralism. *Studies in History and Philosophy of Modern Physics*, 41(3):253–262, September 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000419>.

Lam:2018:SSD

- [LW18] Vincent Lam and Christian Wüthrich. Spacetime is as spacetime does. *Studies in History and Philosophy of Modern Physics*, 64(?):

39–51, November 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817301703>.

Lyre:2004:HSG

- [Lyr04] Holger Lyre. Holism and structuralism in $U(1)$ gauge theory. *Studies in History and Philosophy of Modern Physics*, 35(4):643–670, December 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000589>.

Lyre:2014:BPQ

- [Lyr14] Holger Lyre. Berry phase and quantum structure. *Studies in History and Philosophy of Modern Physics*, 48 (part A)(?):45–51, November 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000975>.

Lautrup:1999:TER

- [LZ99] B. Lautrup and H. Zinkernagel. $g=2$ and the trust in experimental results. *Studies in History and Philosophy of Modern Physics*, 30(1):85–110, March 1999. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521989800032X>.

MacLeod:2007:BRT

- [Mac07] Miles MacLeod. Book review: Theodore Arabatzis, *Representing electrons: A biographical approach to theoretical entities*, University of Chicago Press, Chicago, ISBN 0-226-02420-2, 2005 (296 pp., US\$70.00, cloth). *Studies in History and Philosophy of Modern Physics*, 38(1):226–229, March 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000955>. See [Ara06].

Macchia:2014:JJI

- [Mac14] Giovanni Macchia. J. Jeans’ idealism about space and its influences on E. A. Milne at the dawn of modern cosmology. *Studies in History and Philosophy of Modern Physics*, 46 (part B)(?):303–315, May 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000045>.

MacKinnon:2018:RPM

- [Mac18] Edward MacKinnon. The role of a posteriori mathematics in physics. *Studies in History and Philosophy of Modern Physics*, 62(??):166–175, May 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817300771>.

Magnani:2001:PGT

- [Mag01] Lorenzo Magnani. *Philosophy and geometry: theoretical and historical issues*, volume 66 of *Western Ontario series in philosophy of science*. Kluwer Academic Publishers, Norwell, MA, USA, and Dordrecht, The Netherlands, 2001. ISBN 0-7923-6933-5. xix + 249 pp. LCCN QA447 .M34 2001. URL <http://www.loc.gov/catdir/enhancements/fy0821/2001022473-d.html>; <http://www.loc.gov/catdir/enhancements/fy0821/2001022473-t.html>.

Maidens:1998:SGA

- [Mai98] Anna Maidens. Symmetry groups, absolute objects and action principles in General Relativity. *Studies in History and Philosophy of Modern Physics*, 29(2):245–272, June 1998. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219898000094>.

Malament:2002:RNP

- [Mal02] David B. Malament, editor. *Reading natural philosophy: essays in the history and philosophy of science and mathematics*. Open Court, Chicago, IL, USA, 2002. ISBN 0-8126-9506-2, 0-8126-9507-0 (paperback). xi + 424 pp. LCCN Q124.6 .R43 2002. URL <http://www.loc.gov/catdir/toc/fy042/2002066281.html>.

Malament:2004:TRI

- [Mal04] David B. Malament. On the time reversal invariance of classical electromagnetic theory. *Studies in History and Philosophy of Modern Physics*, 35(2):295–315, June 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000959>.

Manning:2002:BRL

- [Man02] Richard N. Manning. Book review: Lawrence Sklar, *Theory and truth: philosophical critique within foundational sci-*

ence: Oxford University Press, Oxford, 2000, 168 pp., US \$16.95, paperback, ISBN 0-19-925157-6. *Studies in History and Philosophy of Modern Physics*, 33(3):583–587, September 2002. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000266>. See [Sk102].

Manchak:2009:CWK

[Man09] John Byron Manchak. Can we know the global structure of space-time? *Studies in History and Philosophy of Modern Physics*, 40(1):53–56, January 2009. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000580>.

Manchak:2011:NNG

[Man11] John Byron Manchak. No no-go: a remark on time machines. *Studies in History and Philosophy of Modern Physics*, 42(1):74–76, February 2011. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000050>.

Manchak:2014:THM

[Man14] John Byron Manchak. Time (hole?) machines. *Studies in History and Philosophy of Modern Physics*, 48 (part B)(?):124–127, November 2014. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000835>.

Manchak:2019:RTM

[Man19a] JB Manchak. A remark on ‘time machines’ in honor of Howard Stein. *Studies in History and Philosophy of Modern Physics*, 67(?):111–116, August 2019. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818301990>.

Manero:2019:IUS

[Man19b] Jorge Manero. Imprints of the underlying structure of physical theories. *Studies in History and Philosophy of Modern Physics*, 68(?):71–89, November 2019. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818300145>.

Maroney:2005:ARB

- [Mar05] O. J. E. Maroney. The (absence of a) relationship between thermodynamic and logical reversibility. *Studies in History and Philosophy of Modern Physics*, 36(2):355–374, June 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000031>.

Marchildon:2006:BTE

- [Mar06] Louis Marchildon. Bohmian trajectories and the ether: Where does the analogy fail? *Studies in History and Philosophy of Modern Physics*, 37(2):263–274, June 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000049>.

Martinez:2007:TNP

- [Mar07] Alberto A. Martínez. There's no pain in the FitzGerald contraction, is there? *Studies in History and Philosophy of Modern Physics*, 38(1):209–215, March 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000840>.

Martinez:2010:BRB

- [Mar10] Alberto A. Martínez. Book review: *Einstein's Generation: The Origins of the Relativity Revolution*, Richard Staley. University of Chicago Press, Chicago (2009), pp. x + 494. US \$38.00 PB, ISBN-13 978-0-226-77057-4. *Studies in History and Philosophy of Modern Physics*, 41(4):366–367, November 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000365>. See [Sta08].

Marchildon:2015:MEI

- [Mar15] Louis Marchildon. Multiplicity in Everett's interpretation of quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 52 (part B)(?):274–284, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815300071>.

Maroney:2017:MDQ

- [Mar17a] O. J. E. Maroney. Measurements, disturbances and the quantum three box paradox. *Studies in History and Philosophy of Modern Physics*, 58(??):41–53, May 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815300113>.

Martinez:2017:BCD

- [Mar17b] Jean-Philippe Martinez. Beyond computational difficulties: Survey of the two decades from the elaboration to the extensive application of the Hartree–Fock method. *Studies in History and Philosophy of Modern Physics*, 60(??):123–135, November 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816301113>.

Massimi:2007:BRB

- [Mas07] Michela Massimi. Book review: *Identity in Physics: A Historical, Philosophical, and Formal Analysis*, S. French and D. Krause: Oxford University Press, Oxford (2006) (448 pp. £55.00, hardcover), ISBN-10 0-19-927824-5. *Studies in History and Philosophy of Modern Physics*, 38(4):992–995, December 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000500>. See [FK06].

Massimi:2018:TPA

- [Mas18] Michela Massimi. Three problems about multi-scale modelling in cosmology. *Studies in History and Philosophy of Modern Physics*, 64(??):26–38, November 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817301624>.

Mattingly:2001:RHC

- [Mat01a] James Mattingly. The replication of Hertz’s cathode ray experiments. *Studies in History and Philosophy of Modern Physics*, 32(1):53–75, March 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219800000368>.

Mattingly:2001:RB

- [Mat01b] James Mattingly. Reply to Buchwald. *Studies in History and Philosophy of Modern Physics*, 32(1):81–82, March 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219800000344>.

Mattingly:2006:WGM

- [Mat06] James Mattingly. Which gauge matters? *Studies in History and Philosophy of Modern Physics*, 37(2):243–262, June 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000037>.

Mattingly:2007:CFQ

- [Mat07] James Mattingly. Classical fields and quantum time-evolution in the Aharonov–Bohm effect. *Studies in History and Philosophy of Modern Physics*, 38(4):888–905, December 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000378>.

Mattingly:2013:ESS

- [Mat13] James Mattingly. Emergence of spacetime in stochastic gravity. *Studies in History and Philosophy of Modern Physics*, 44(3):329–337, August 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000361>.

Mattingly:2014:UM

- [Mat14] James Mattingly. Unprincipled microgravity. *Studies in History and Philosophy of Modern Physics*, 46 (part B)(?):179–185, May 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813001056>.

Maudlin:2004:BRB

- [Mau04] T. Maudlin. Book review: *Physics meets philosophy at the Planck scale: contemporary theories in quantum gravity*. Craig Callender and Nick Huggett (Eds.); Cambridge University Press, Cambridge, 2001, $x + 365$ pp., prices US \$100.00 (cloth), US \$36.00

(paper), ISBN 0-521-66280-X (cloth), 0-521-66445-4 (paper). *Studies in History and Philosophy of Modern Physics*, 35(3):531–537, September 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000280>. See [CH01a].

Maudlin:2007:MWP

[Mau07a] Tim Maudlin. *The metaphysics within physics*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 2007. ISBN 0-19-921821-8. 197 pp. LCCN BD111 .M46 2007.

Maudlin:2007:WCO

[Mau07b] Tim Maudlin. What could be objective about probabilities? *Studies in History and Philosophy of Modern Physics*, 38(2):275–291, June 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000263>.

Mawhin:2014:IFT

[Maw14] Jean Mawhin. The implicit function theorem and its substitutes in Poincaré’s qualitative theory of differential equations. *Studies in History and Philosophy of Modern Physics*, 47(??):124–130, August 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000161>.

Mayo:2003:NWP

[May03] Deborah G. Mayo. Novel work on problems of novelty? comments on Hudson. *Studies in History and Philosophy of Modern Physics*, 34(1):131–134, March 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000837>. See [Hud03].

Massimi:2015:CSE

[MB15] Michela Massimi and Wahid Bhimji. Computer simulations and experiments: the case of the Higgs boson. *Studies in History and Philosophy of Modern Physics*, 51(??):71–81, August 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000453>.

McCabe:2004:SIC

- [McC04] Gordon McCabe. The structure and interpretation of cosmology: Part I — general relativistic cosmology. *Studies in History and Philosophy of Modern Physics*, 35(4):549–595, December 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000541>.

McCabe:2005:SIC

- [McC05a] Gordon McCabe. The structure and interpretation of cosmology: Part II. The concept of creation in inflation and quantum cosmology. *Studies in History and Philosophy of Modern Physics*, 36(1):67–102, March 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000759>.

McCabe:2005:UCC

- [McC05b] Gordon McCabe. Universe creation on a computer. *Studies in History and Philosophy of Modern Physics*, 36(4):591–625, December 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000250>.

McCoy:2015:DIS

- [McC15] C. D. McCoy. Does inflation solve the hot big bang model's fine-tuning problems? *Studies in History and Philosophy of Modern Physics*, 51(??):23–36, August 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000441>.

McCabe:2018:ICS

- [McC18a] Gordon McCabe. Inflationary cosmology and the scale-invariant spectrum. *Studies in History and Philosophy of Modern Physics*, 63(??):34–38, August 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817301272>.

McCoy:2018:IIJ

- [McC18b] C. D. McCoy. The implementation, interpretation, and justification of likelihoods in cosmology. *Studies in History and Philosophy of Modern Physics*, 62(??):19–35, May 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S1355219817300400>.

McKenzie:2011:AAF

- [McK11] Kerry McKenzie. Arguing against fundamentality. *Studies in History and Philosophy of Modern Physics*, 42(4):244–255, November 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000529>.

McKenzie:2017:RF

- [McK17] Kerry McKenzie. Relativities of fundamentality. *Studies in History and Philosophy of Modern Physics*, 59(?):89–99, August 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000623>.

McQueen:2015:FTP

- [McQ15] Kelvin J. McQueen. Four tails problems for dynamical collapse theories. *Studies in History and Philosophy of Modern Physics*, 49(?):10–18, February 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814001221>.

Meijs:2005:BRN

- [Mei05] Wouter Meijs. Book review: Nick Bostrom, *Anthropic bias: Observation selection effects in science and philosophy*, Routledge, New York, 2002, xiii + 224 pp. Price US \$69, hardcover, ISBN 0-415-93858-9. *Studies in History and Philosophy of Modern Physics*, 36(3):586–589, September 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000389>. See [Bos02].

Mermin:1997:QTC

- [Mer97] N. David Mermin. Quantum theory: Concepts and methods. *Studies in History and Philosophy of Modern Physics*, 28(1):131–135, March 1997. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897855384>.

Mermin:2003:CC

- [Mer03] N. David Mermin. Copenhagen computation. *Studies in History and Philosophy of Modern Physics*, 34(3):511–522, September 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000406>.

Mermin:2011:UED

- [Mer11] N. David Mermin. Understanding Einstein’s 1905 derivation of $E = Mc^2$. *Studies in History and Philosophy of Modern Physics*, 42(1):1–2, February 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000754>. See comment [Oha12] and reply [Mer12].

Mermin:2012:ROC

- [Mer12] N. David Mermin. Reply to Ohanian’s comment. *Studies in History and Philosophy of Modern Physics*, 43(3):218–219, August 2012. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219812000044>. See [Mer11, Oha12].

Merritt:2017:CC

- [Mer17] David Merritt. Cosmology and convention. *Studies in History and Philosophy of Modern Physics*, 57(??):41–52, February 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816301563>.

Matolcsi:2001:SRF

- [MG01] T. Matolcsi and A. Goher. Spacetime without reference frames: An application to the velocity addition paradox. *Studies in History and Philosophy of Modern Physics*, 32(1):83–99, March 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980000037X>.

Miller:2008:QMC

- [Mil08] David John Miller. Quantum mechanics as a consistency condition on initial and final boundary conditions. *Studies in History and Philosophy of Modern Physics*, 39(4):767–781, November 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502

(electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000300>.

Mills:2014:IVD

- [Mil14] M. Anthony Mills. Identity versus determinism: Émile Meyer-son's neo-Kantian interpretation of the quantum theory. *Studies in History and Philosophy of Modern Physics*, 47(?):33–49, August 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000367>.

Miller:2015:OSE

- [Mil15] Michael E. Miller. The origins of Schwinger's Euclidean Green's functions. *Studies in History and Philosophy of Modern Physics*, 50(?):5–12, May 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981500009X>.

Milgrom:2020:MVD

- [Mil20] Mordehai Milgrom. MOND vs. dark matter in light of historical parallels. *Studies in History and Philosophy of Modern Physics*, 71(?):170–195, August 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219819301972>.

Mittelstaedt:2002:BRB

- [Mit02] Peter Mittelstaedt. Book review: *Conceptual Foundations of Quantum Field Theory*: Cao, Tian Yu (Ed.), Cambridge University Press, Cambridge, 1999, 419 pp., price US \$110.00, UK £70.00 hardback, ISBN 0-521-63152-1. *Studies in History and Philosophy of Modern Physics*, 33(1):128–131, March 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000429>. See [Cao99].

Mitchell:2017:MSA

- [Mit17] Daniel Jon Mitchell. Making sense of absolute measurement: James Clerk Maxwell, William Thomson, Fleeming Jenkin, and the invention of the dimensional formula. *Studies in History and Philosophy of Modern Physics*, 58(?):63–79, May 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815300393>.

Mitsch:2019:ESA

- [Mit19] Chris Mitsch. An examination of some aspects of Howard Stein's work. *Studies in History and Philosophy of Modern Physics*, 66(??):1–13, May 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818302016>.

Martens:2020:CST

- [ML20a] Niels C. M. Martens and Dennis Lehmkuhl. Cartography of the space of theories: an interpretational chart for fields that are both (dark) matter and spacetime. *Studies in History and Philosophy of Modern Physics*, 72(??):217–236, November 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219820301106>.

Martens:2020:DMM

- [ML20b] Niels C. M. Martens and Dennis Lehmkuhl. Dark matter — modified gravity? Scrutinising the spacetime–matter distinction through the modified gravity/dark matter lens. *Studies in History and Philosophy of Modern Physics*, 72(??):237–250, November 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521982030109X>.

Meschini:2005:GPB

- [MLP05] Diego Meschini, Markku Lehto, and Johanna Piilonen. Geometry, pregeometry and beyond. *Studies in History and Philosophy of Modern Physics*, 36(3):435–464, September 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000249>.

Morgan:1999:MMP

- [MM99] Mary S. Morgan and Margaret Morrison, editors. *Models as mediators: perspectives on natural and social sciences*. Ideas in context. Cambridge University Press, Cambridge, UK, 1999. ISBN 0-521-65097-6 (hardcover), 0-521-65571-4 (paperback). xi + 401 pp. LCCN Q158.5 .M63 1999. URL <http://www.loc.gov/catdir/description/cam029/98041630.html>; <http://www.loc.gov/catdir/samples/cam032/98041630.html>; <http://www.loc.gov/catdir/toc/cam022/98041630.html>.

Matzkin:2008:CBT

- [MN08] Alexandre Matzkin and Vanessa Nurock. Classical and Bohmian trajectories in semiclassical systems: Mismatch in dynamics, mismatch in reality? *Studies in History and Philosophy of Modern Physics*, 39(1):17–40, January 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000615>.

Maltese:1995:DRS

- [MO95] Giulio Maltese and Lucia Orlando. The definition of rigidity in the special theory of relativity and the genesis of the general theory of relativity. *Studies in History and Philosophy of Modern Physics*, 26(3):263–306, December 1995. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219895000178>.

Mucino:2020:WCF

- [MO20] R. Muciño and E. Okon. Wigner’s convoluted friends. *Studies in History and Philosophy of Modern Physics*, 72(??):87–90, November 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219820300976>.

Monk:1997:CST

- [Mon97] Nicholas A. M. Monk. Conceptions of space–time: Problems and possible solutions. *Studies in History and Philosophy of Modern Physics*, 28(1):1–34, March 1997. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897000038>.

Monton:2004:POS

- [Mon04] Bradley Monton. The problem of ontology for spontaneous collapse theories. *Studies in History and Philosophy of Modern Physics*, 35(3):407–421, September 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000267>.

Monaldi:2009:NPI

- [Mon09] Daniela Monaldi. A note on the prehistory of indistinguishable particles. *Studies in History and Philosophy of Modern Physics*, 40(4):383–394, December 2009. CODEN ???? ISSN 1355-2198 (print),

1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000586>.

Monaldi:2017:FLS

- [Mon17] Daniela Monaldi. Fritz London and the scale of quantum mechanisms. *Studies in History and Philosophy of Modern Physics*, 60(??):35–45, November 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816301344>.

Moore:1999:SSP

- [Moo99] D. J. Moore. On state spaces and property lattices. *Studies in History and Philosophy of Modern Physics*, 30(1):61–83, March 1999. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219898000331>.

Moore:2000:SOT

- [Moo00] Brian C. J. Moore. Sounds of our times. *Studies in History and Philosophy of Modern Physics*, 31(3):405–411, September 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219800000101>.

Morrison:2000:UST

- [Mor00] Margaret Morrison. *Unifying scientific theories: physical concepts and mathematical structures*. Cambridge University Press, Cambridge, UK, 2000. ISBN 0-521-65216-2 (hardcover). viii + 272 pp. LCCN QC794.6.G7 M67 2000. URL <http://www.loc.gov/catdir/description/cam029/99020874.html>; <http://www.loc.gov/catdir/samples/cam032/99020874.html>; <http://www.loc.gov/catdir/toc/cam025/99020874.html>.

Morrison:2002:OMS

- [Mor02] Margaret Morrison. The one and the many: the search for unity in a world of diversity. *Studies in History and Philosophy of Modern Physics*, 33(2):345–355, June 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000102>.

Morrison:2005:BRD

- [Mor05] Margaret Morrison. Book review: D. Rothbart, Editors, *Modeling: Gateway to the unknown. A work by Rom Harré* (2004) Elsevier, London, ISBN 0-444-51464-3 (300 pp., US\$119 hardbound). *Studies in History and Philosophy of Modern Physics*, 36(3):583–585, September 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000420>. See [HR04].

Morrison:2007:SAW

- [Mor07] Margaret Morrison. Spin: All is not what it seems. *Studies in History and Philosophy of Modern Physics*, 38(3):529–557, September 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000931>.

Morganti:2009:IPS

- [Mor09] Matteo Morganti. Inherent properties and statistics with individual particles in quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 40(3):223–231, August 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000343>.

Mosini:1995:FAG

- [Mos95] Valeria Mosini. Fundamentalism, antifundamentalism, and Gibbs' paradox. *Studies in History and Philosophy of Modern Physics*, 26(2):151–162, August 1995. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219895000089>.

Mosini:2000:BHT

- [Mos00] Valeria Mosini. A brief history of the Theory of Resonance and of its interpretation. *Studies in History and Philosophy of Modern Physics*, 31(4):569–581, December 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219800000290>.

Maudlin:2020:SCL

- [MOS20] Tim Maudlin, Elias Okon, and Daniel Sudarsky. On the status of conservation laws in physics: Implications for semiclassical gravity. *Studies in History and Philosophy of Modern Physics*, 69(?):

67–81, February 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219819300772>.

McLeish:2019:ETO

- [MPL19] Tom McLeish, Mark Pexton, and Tom Lancaster. Emergence and topological order in classical and quantum systems. *Studies in History and Philosophy of Modern Physics*, 66(?):155–169, May 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817302034>.

Massimi:2003:WPS

- [MR03] Michela Massimi and Michael Redhead. Weinberg’s proof of the spin-statistics theorem. *Studies in History and Philosophy of Modern Physics*, 34(4):621–650, December 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000662>.

Mattig:2019:MCC

- [MS19] Peter Mättig and Michael Stöltzner. Model choice and crucial tests. On the empirical epistemology of the Higgs discovery. *Studies in History and Philosophy of Modern Physics*, 65(?):73–96, February 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817301090>.

Mattig:2020:MLE

- [MS20] Peter Mättig and Michael Stöltzner. Model landscapes and event signatures in elementary particle physics. *Studies in History and Philosophy of Modern Physics*, 69(?):12–25, February 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818302119>.

Muller:1997:EMQa

- [Mul97a] F. A. Muller. The equivalence myth of quantum mechanics — Part I. *Studies in History and Philosophy of Modern Physics*, 28(1):35–61, March 1997. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219896000226>.

Muller:1997:EMQb

- [Mul97b] F. A. Muller. The equivalence myth of quantum mechanics — Part II. *Studies in History and Philosophy of Modern Physics*, 28(2):219–247, June 1997. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897000014>. See minor corrigendum [Ano97a], and addendum [Mul99].

Muller:1999:EMQ

- [Mul99] F. A. Muller. The equivalence myth of quantum mechanics (addendum). *Studies in History and Philosophy of Modern Physics*, 30(4):543–545, December 1999. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000167>. See [Mul97b].

Muller:2004:BRP

- [Mul04a] F. A. Muller. Book review: Patrick Suppes, *Representation and invariance of scientific structures*, CSLI publications, Stanford, California (distributed by Chicago University Press), ISBN 1-57586-333-2, 2002 (pp. ix + 536, US \$50.00). *Studies in History and Philosophy of Modern Physics*, 35(4):713–720, December 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980400053X>. See [Sup02].

Muller:2004:MLW

- [Mul04b] F. A. Muller. Maxwell's lonely war. *Studies in History and Philosophy of Modern Physics*, 35(1):109–119, March 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980300090X>.

Muller:2007:BST

- [Mül07] Thomas Müller. A branching space-times view on quantum error correction. *Studies in History and Philosophy of Modern Physics*, 38(3):635–652, September 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000585>.

Muller:2009:IEF

- [Mul09] F. A. Muller. The insidiously enchanted forrest. Essay review of *Scientific Representation* by Bas C. van Fraassen. *Studies in*

History and Philosophy of Modern Physics, 40(3):268–272, August 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000264>. See [vF08].

Mulder:2010:ANE

- [Mul10] Peter Mulder. On the alleged non-existence of orbitals. *Studies in History and Philosophy of Modern Physics*, 41(2):178–182, May 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000171>.

Muller:2014:SI

- [Mul14] F. A. Muller. The slaying of the iMongers. *Studies in History and Philosophy of Modern Physics*, 48 (part A)(?):52–55, November 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814001002>.

Muller:2019:ROA

- [Mül19] Thomas Müller. The reversibility objection against the Second Law of Thermodynamics viewed, and avoided, from a logical point of view. *Studies in History and Philosophy of Modern Physics*, 66(?):52–61, May 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817301533>.

McQueen:2019:DSL

- [MV19] Kelvin J. McQueen and Lev Vaidman. In defence of the self-location uncertainty account of probability in the many-worlds interpretation. *Studies in History and Philosophy of Modern Physics*, 66(?):14–23, May 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817302022>.

Myrvold:2002:PCC

- [Myr02] Wayne C. Myrvold. On peaceful coexistence: is the collapse postulate incompatible with relativity? *Studies in History and Philosophy of Modern Physics*, 33(3):435–466, September 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1369848602000043>.

Myrvold:2008:BR

- [Myr08] Wayne Myrvold. Book review. *Studies in History and Philosophy of Modern Physics*, 39(3):700–701, September 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000221>.

Myrvold:2011:SMT

- [Myr11] Wayne C. Myrvold. Statistical mechanics and thermodynamics: a Maxwellian view. *Studies in History and Philosophy of Modern Physics*, 42(4):237–243, November 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000487>.

Myrvold:2019:HCR

- [Myr19] Wayne C. Myrvold. How could relativity be anything other than physical? *Studies in History and Philosophy of Modern Physics*, 67(??):137–143, August 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817300825>.

Myrvold:2020:IWP

- [Myr20] Wayne C. Myrvold. “- It would be possible to do a lengthy dialectical number on this;”. *Studies in History and Philosophy of Modern Physics*, 71(??):209–219, August 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219819301108>.

Nager:2020:SBA

- [Näg20] Paul M. Näger. A stronger Bell argument for (some kind of) parameter dependence. *Studies in History and Philosophy of Modern Physics*, 72(??):1–28, November 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815300290>.

Navarro:2009:DMC

- [Nav09] Jaume Navarro. “A dedicated missionary”. Charles Galton Darwin and the new quantum mechanics in Britain. *Studies in History and Philosophy of Modern Physics*, 40(4):316–326, December 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502

(electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000525>.

Navarro:2017:HQI

- [NBL17] Jaume Navarro, Alexander Blum, and Christoph Lehner. On the history of the quantum. Introduction to the HQ4 special issue. *Studies in History and Philosophy of Modern Physics*, 60(??):1–2, November 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817301843>.

Needham:2010:NAR

- [Nee10] Paul Needham. Nagel’s analysis of reduction: Comments in defense as well as critique. *Studies in History and Philosophy of Modern Physics*, 41(2):163–170, May 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000318>.

Norris:2000:QTF

- [Nor00a] Christopher Norris. *Quantum theory and the flight from realism: philosophical responses to quantum mechanics*. Critical realism—interventions. Routledge & Kegan Paul, London, UK and New York, NY, USA, 2000. ISBN 0-415-22321-0 (hardcover), 0-415-22322-9 (paperback). ix + 266 pp. LCCN QC174.I3 .N67 2000. URL <http://www.loc.gov/catdir/enhancements/fy0650/99038146-d.html>.

Norton:2000:NRS

- [Nor00b] John D. Norton. ‘Nature is the Realisation of the Simplest Conceivable Mathematical Ideas’: Einstein and the canon of mathematical simplicity. *Studies in History and Philosophy of Modern Physics*, 31(2):135–170, June 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000350>.

Nordmann:2003:BRB

- [Nor03] Alfred Nordmann. Book review: *A history of the ideas of theoretical physics: Essays on the 19th and 20th century physics* (Vol. 213 of Boston Studies in the Philosophy of Science): Salvo d’Agostino; Kluwer Academic Publishers, Dordrecht, Boston, London, 2000, 381 pp., \$173.00 US, ISBN 0-7923-6094-X. *Studies*

in History and Philosophy of Modern Physics, 34(4):677–679, December 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000686>. See [D'A00].

Norton:2005:ELL

- [Nor05] John D. Norton. Eaters of the lotus: Landauer's principle and the return of Maxwell's Demon. *Studies in History and Philosophy of Modern Physics*, 36(2):375–411, June 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000851>.

Norton:2006:AEQ

- [Nor06] John D. Norton. Atoms, entropy, quanta: Einstein's miraculous argument of 1905. *Studies in History and Philosophy of Modern Physics*, 37(1):71–100, March 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000699>.

North:2010:EAS

- [Nor10] Jill North. An empirical approach to symmetry and probability. *Studies in History and Philosophy of Modern Physics*, 41(1):27–40, January 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000537>.

Norton:2011:WL

- [Nor11] John D. Norton. Waiting for Landauer. *Studies in History and Philosophy of Modern Physics*, 42(3):184–198, August 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000359>.

Norton:2013:ARL

- [Nor13] John D. Norton. Author's reply to Landauer defended. *Studies in History and Philosophy of Modern Physics*, 44(3):272, August 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000403>.

Norton:2015:BFM

- [Nor15] John D. Norton. The burning fuse model of unbecoming in time. *Studies in History and Philosophy of Modern Physics*, 52 (part A):103–105, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981400080X>.

Norton:2016:IPT

- [Nor16] John D. Norton. The impossible process: Thermodynamic reversibility. *Studies in History and Philosophy of Modern Physics*, 55:43–61, August 2016. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815300563>.

Norton:2020:LQO

- [Nor20] Joshua Norton. Loop quantum ontology: Spacetime and spin-networks. *Studies in History and Philosophy of Modern Physics*, 71:14–25, August 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219819302382>.

Nounou:2015:ASR

- [Nou15] Antigone M. Nounou. For or against structural realism? A verdict from high energy physics. *Studies in History and Philosophy of Modern Physics*, 49:84–101, February 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000040>.

Nounou:2012:BRH

- [NP12] Antigone M. Nounou and Stathis Psillos. Book review: Henk W. de Regt, Sabina Leonelli, Kai Eigner (Eds.), *Scientific Understanding: Philosophical Perspectives*. University of Pittsburgh Press, Pittsburgh (2009). 352 pp., Hardback, \$65.00, ISBN 978-0-8229-4378-5. *Studies in History and Philosophy of Modern Physics*, 43 (1):72–74, February 2012. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000657>. See [dRLE09].

Nye:2000:PBM

- [Nye00] Mary Jo Nye. Physical and biological modes of thought in the chemistry of Linus Pauling. *Studies in History and Philoso-*

phy of Modern Physics, 31(4):475–491, December 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980000289>.

Oikonomou:2013:CVS

- [OB13] Thomas Oikonomou and G. Baris Bagci. Clausius versus Sackur–Tetrode entropies. *Studies in History and Philosophy of Modern Physics*, 44(2):63–68, May 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000026>.

Oreskes:2000:WG

- [OF00] Naomi Oreskes and James R. Fleming. Why geophysics? *Studies in History and Philosophy of Modern Physics*, 31(3):253–257, September 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219800000216>.

Osnaghi:2009:OEH

- [OFF09] Stefano Osnaghi, Fábio Freitas, and Olival Freire, Jr. The origin of the Everettian heresy. *Studies in History and Philosophy of Modern Physics*, 40(2):97–123, May 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000786>.

Ohanian:2009:DEP

- [Oha09] Hans C. Ohanian. Did Einstein prove $E = mc^2$? *Studies in History and Philosophy of Modern Physics*, 40(2):167–173, May 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000112>.

Ohanian:2012:CMS

- [Oha12] Hans C. Ohanian. A comment on Mermin’s “Understanding Einstein’s 1905 derivation of $E = mc^2$ ”. *Studies in History and Philosophy of Modern Physics*, 43(3):215–217, August 2012. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219812000202>. See [Mer11] and reply [Mer12].

Omnès:2003:BRB

- [Omn03] Roland Omnès. Book review: *Consistent quantum theory*: Robert B. Griffiths, Cambridge, 2001, pp. 400, US \$95, ISBN 0-521-80349-7. *Studies in History and Philosophy of Modern Physics*, 34(2): 329–331, June 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000108>. See [Gri02].

Oreskes:2000:SSB

- [OR00] Naomi Oreskes and Ronald Rainger. Science and security before the atomic bomb: The loyalty case of Harald U. Sverdrup. *Studies in History and Philosophy of Modern Physics*, 31(3):309–369, September 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219800000198>.

Oriti:2014:DES

- [Ori14] Daniele Oriti. Disappearance and emergence of space and time in quantum gravity. *Studies in History and Philosophy of Modern Physics*, 46 (part B)(?):186–199, May 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000907>.

Okon:2014:MAC

- [OS14] Elias Okon and Daniel Sudarsky. Measurements according to consistent histories. *Studies in History and Philosophy of Modern Physics*, 48 (part A)(?):7–12, November 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000951>.

Okon:2015:CHF

- [OS15] Elias Okon and Daniel Sudarsky. The Consistent Histories formalism and the measurement problem. *Studies in History and Philosophy of Modern Physics*, 52 (part B)(?):217–222, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981500060X>.

Primas:1999:QMM

- [PAAMH99] Hans Primas, Harald Atmanspacher, A. (Anton) Amann, and U. (Ulrich) Müller-Herold, editors. *On quanta, mind, and mat-*

ter: Hans Primas in context, volume 102 of *Fundamental theories of physics*. Kluwer Academic Publishers, Norwell, MA, USA, and Dordrecht, The Netherlands, 1999. ISBN 0-7923-5696-9. viii + 398 pp. LCCN QD462.5 .O5 1999.

Padovani:2015:MCR

- [Pad15] Flavia Padovani. Measurement, coordination, and the relativized a priori. *Studies in History and Philosophy of Modern Physics*, 52 (part B)(?):123–128, November 2015. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000234>.

Pais:2000:GSP

- [Pai00] Abraham Pais. *The Genius of Science: a Portrait Gallery*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 2000. ISBN 0-19-850614-7 (hardcover). 356 pp. LCCN Q141 .P29 2000. URL <ftp://uiarchive.cso.uiuc.edu/pub/etext/gutenberg/>; <http://www.loc.gov/catdir/toc/fy02/99046603.html>.

Park:2000:CSD

- [Par00] B. S. Park. The contexts of simultaneous discovery: Slater, Pauling, and the origins of hybridisation. *Studies in History and Philosophy of Modern Physics*, 31(4):451–474, December 2000. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980000277>.

Parker:2003:FYM

- [Par03] Daniel Parker. Finding your marbles in wavefunction collapse theories. *Studies in History and Philosophy of Modern Physics*, 34(4):607–620, December 2003. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000650>.

Parker:2010:BRD

- [Par10a] Daniel Parker. Book review: D. Rickles, Editors, *The Ashgate Companion to Philosophy of Physics* (2008) Ashgate, Aldershot 386 pp., Price: \$124.95, £65, EUR 74.60, ISBN-13 978-0-7546-5518-3. *Studies in History and Philosophy of Modern Physics*, 41(4):362–365, November 2010. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000237>. See [Ric08].

Parker:2010:PWC

- [Par10b] Wendy S. Parker. Predicting weather and climate: Uncertainty, ensembles and probability. *Studies in History and Philosophy of Modern Physics*, 41(3):263–272, September 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000468>.

Pashby:2015:RFS

- [Pas15a] Thomas Pashby. Reply to Fleming: Symmetries, observables, and the occurrence of events. *Studies in History and Philosophy of Modern Physics*, 52 (part A)(?):44–47, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000938>.

Pashby:2015:TTT

- [Pas15b] Thomas Pashby. Taking times out: Tense logic as a theory of time. *Studies in History and Philosophy of Modern Physics*, 50 (?):13–18, May 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000088>.

Pashby:2015:TQT

- [Pas15c] Thomas Pashby. Time and quantum theory: a history and a prospectus. *Studies in History and Philosophy of Modern Physics*, 52 (part A)(?):24–38, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000246>. See response [Fle15] and reply [Pas15a].

Pashby:2020:SQE

- [Pas20] Thomas Pashby. Sensible quantum experiences: Encounters with Stein’s philosophy of quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 69(?):128–141, February 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818302181>.

Patton:2020:ETT

- [Pat20] Lydia Patton. Expanding theory testing in general relativity: LIGO and parametrized theories. *Studies in History*

and *Philosophy of Modern Physics*, 69(??):142–153, February 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818302089>.

Price:2007:CPC

- [PC07] Huw Price and Richard Corry, editors. *Causation, physics, and the constitution of reality: Russell's republic revisited*. Clarendon Press, New York, NY, USA, 2007. ISBN 0-19-927819-9, 0-19-927818-0. ix + 403 pp. LCCN BD541 .C1935 2007. URL <http://www.loc.gov/catdir/enhancements/fy0724/2006102294-d.html>; <http://www.loc.gov/catdir/toc/ecip077/2006102294.html>.

Pearle:2005:BRS

- [Pea05] Philip Pearle. Book review: Stephen L. Adler, *Quantum theory as an emergent phenomenon*, Cambridge University Press, Cambridge, ISBN 0-521-83194-6, 2004, 238 pp. (US \$50, £40 hardcover). *Studies in History and Philosophy of Modern Physics*, 36(4):716–723, December 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000390>. See [Adl04].

Pearce:2017:UHS

- [Pea17] Jacob Pearce. The unfolding of the historical style in modern cosmology: Emergence, evolution, entrenchment. *Studies in History and Philosophy of Modern Physics*, 57(??):17–34, February 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981630123X>.

Pechenkin:2002:CSO

- [Pec02] Alexander Pechenkin. The concept of self-oscillations and the rise of synergetics ideas in the theory of nonlinear oscillations. *Studies in History and Philosophy of Modern Physics*, 33(2):269–295, June 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000047>.

Pechenkin:2004:BRB

- [Pec04] A. A. Pechenkin. Book review: *Einstein studies in Russia: Yuri Balashov and Vladimir Vizgin (Eds.)*; Birkhäuser, Basel,

2002, 315pp, US \$59.95, ISBN 0-8176-4263-3. *Studies in History and Philosophy of Modern Physics*, 35(1):120–124, March 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000844>. See [BV02].

Pechenkin:2012:ESI

- [Pec12] Alexander Pechenkin. The early statistical interpretations of quantum mechanics in the USA and USSR. *Studies in History and Philosophy of Modern Physics*, 43(1):25–34, February 2012. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000682>.

Pegg:2008:RQM

- [Peg08] David Thomas Pegg. Retrocausality and quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 39(4):830–840, November 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000233>.

Percival:1998:QSD

- [Per98] Ian Percival. *Quantum state diffusion*. Cambridge University Press, Cambridge, UK, 1998. ISBN 0-521-62007-4. xi + 184 pp. LCCN QC174.12 .P416 1998. URL <http://www.loc.gov/catdir/description/cam029/98007168.html>; <http://www.loc.gov/catdir/toc/cam021/98007168.html>.

Peres:2002:KPC

- [Per02] Asher Peres. Karl Popper and the Copenhagen interpretation. *Studies in History and Philosophy of Modern Physics*, 33(1):23–34, March 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980100034X>.

Perovic:2006:SIQ

- [Per06] Slobodan Perovic. Schrödinger’s interpretation of quantum mechanics and the relevance of Bohr’s experimental critique. *Studies in History and Philosophy of Modern Physics*, 37(2):275–297, June 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000086>.

Perovic:2008:BRL

- [Per08a] S. Perovic. Book review: Lars-Göran Johansson, *Following in Schrödinger's footsteps — An interpretation of quantum mechanics. A Realistic View in Schrödinger's Vein* (2007) Ashgate Publishers, Aldershot 208 pp. Hardback \$99, 95, ISBN-13 978-0-7546-5738-5. *Studies in History and Philosophy of Modern Physics*, 39(3):694–699, September 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000270>. See [Joh07].

Perovic:2008:WWM

- [Per08b] Slobodan Perovic. Why were Matrix Mechanics and Wave Mechanics considered equivalent? *Studies in History and Philosophy of Modern Physics*, 39(2):444–461, May 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000063>.

Perovic:2011:MEC

- [Per11] Slobodan Perovic. Missing experimental challenges to the Standard Model of particle physics. *Studies in History and Philosophy of Modern Physics*, 42(1):32–42, February 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000821>.

Perovic:2013:ECB

- [Per13] Slobodan Perovic. Emergence of complementarity and the Baconian roots of Niels Bohr's method. *Studies in History and Philosophy of Modern Physics*, 44(3):162–173, August 2013. ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000427>.

Pestre:2001:MP

- [Pes01] Dominique Pestre. Making physics. *Studies in History and Philosophy of Modern Physics*, 32(1):117–119, March 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219800000125>.

Peterson:2015:PNA

- [Pet15] Daniel Peterson. Prospects for a new account of time reversal. *Studies in History and Philosophy of Modern Physics*, 49(??): 42–56, February 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000027>.

Pietsch:2010:CIC

- [Pie10] Wolfgang Pietsch. On conceptual issues in classical electrodynamics: Prospects and problems of an action-at-a-distance interpretation. *Studies in History and Philosophy of Modern Physics*, 41(1):67–77, January 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000690>.

Pincock:2011:MER

- [Pin11] Christopher Pincock. Mathematical explanations of the rainbow. *Studies in History and Philosophy of Modern Physics*, 42(1):13–22, February 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000791>.

Pippard:2002:BRB

- [Pip02] Brian Pippard. Book review: *Quantum Generations: a History of Physics in the Twentieth Century*. Helge Kragh; Princeton University Press, Princeton, NJ, 1999, pp. xiv + 494, \$18.95, ISBN 0-691-09552-3. *Studies in History and Philosophy of Modern Physics*, 33(1):143–145, March 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000090>. See [Kra02b].

Pitowsky:1996:LDC

- [Pit96] Itamar Pitowsky. Laplace’s demon consults an oracle: The computational complexity of prediction. *Studies in History and Philosophy of Modern Physics*, 27(2):161–180, June 1996. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521989685115X>.

Pitowsky:2001:LFL

- [Pit01] Itamar Pitowsky. Local fluctuations and local observers in equilibrium statistical mechanics. *Studies in History and Philosophy of Modern Physics*, 32(4):595–607, December 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S1355219801000223>.

Pitowsky:2003:BOM

- [Pit03] Itamar Pitowsky. Betting on the outcomes of measurements: a Bayesian theory of quantum probability. *Studies in History and Philosophy of Modern Physics*, 34(3):395–414, September 2003. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000352>.

Pitowsky:2006:DE

- [Pit06a] Itamar Pitowsky. On the definition of equilibrium. *Studies in History and Philosophy of Modern Physics*, 37(3):431–438, September 2006. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000281>.

Pitts:2006:AOC

- [Pit06b] J. Brian Pitts. Absolute objects and counterexamples: Jones–Geroch dust, Torretti constant curvature, tetrad-spinor, and scalar density. *Studies in History and Philosophy of Modern Physics*, 37(2):347–371, June 2006. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000104>.

Pitts:2012:NTG

- [Pit12] J. Brian Pitts. The nontriviality of trivial general covariance: How electrons restrict ‘time’ coordinates, spinors (almost) fit into tensor calculus, and 7/16 of a tetrad is surplus structure. *Studies in History and Philosophy of Modern Physics*, 43(1):1–24, February 2012. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000633>.

Pitts:2014:CHG

- [Pit14] J. Brian Pitts. Change in Hamiltonian general relativity from the lack of a time-like Killing vector field. *Studies in History and Philosophy of Modern Physics*, 47(?):68–89, August 2014. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000586>.

Pitts:2016:EES

- [Pit16a] J. Brian Pitts. Einstein's equations for spin 2 mass 0 from Noether's converse Hilbertian assertion. *Studies in History and Philosophy of Modern Physics*, 56(?):60–69, November 2016. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816300181>.

Pitts:2016:EPS

- [Pit16b] J. Brian Pitts. Einstein's physical strategy, energy conservation, symmetries, and stability: "But Grossmann & I believed that the conservation laws were not satisfied". *Studies in History and Philosophy of Modern Physics*, 54(?):52–72, May 2016. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815300733>.

Pitts:2016:STP

- [Pit16c] J. Brian Pitts. Space–time philosophy reconstructed via massive Nordström scalar gravities? laws vs. geometry, conventionality, and underdetermination. *Studies in History and Philosophy of Modern Physics*, 53(?):73–92, February 2016. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000921>.

Pitts:2019:STC

- [Pit19] J. Brian Pitts. Space-time constructivism vs. modal provincialism: Or, how special relativistic theories needn't show Minkowski chronogeometry. *Studies in History and Philosophy of Modern Physics*, 67(?):191–198, August 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817300734>.

Palge:2008:RFB

- [PK08] Veiko Palge and Thomas Konrad. A remark on Fuchs' Bayesian interpretation of quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 39(2):273–287, May 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000087>.

Potters:2017:SST

- [PL17] Jan Potters and Bert Leuridan. Studying scientific thought experiments in their context: Albert Einstein and electromagnetic induction. *Studies in History and Philosophy of Modern Physics*, 58(??):1–11, May 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816301915>.

Placek:2002:BRB

- [Pla02] T. Placek. Book review: *A philosopher's understanding of quantum mechanics. Possibilities and impossibilities of a modal interpretation*: Pieter Vermaas, Cambridge University Press, Cambridge, 1999, pp. xi + 295, US \$69.95 hardback, ISBN 0-521-65108-5. *Studies in History and Philosophy of Modern Physics*, 33(4): 739–744, December 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000394>. See [Ver99a].

Placek:2004:QSH

- [Pla04] Tomasz Placek. Quantum state holism: a case for holistic causation. *Studies in History and Philosophy of Modern Physics*, 35(4): 671–692, December 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000565>.

Plotnitsky:2006:RBP

- [Plo06] Arkady Plotnitsky. *Reading Bohr: physics and philosophy*, volume 152 of *Fundamental theories of physics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2006. ISBN 1-4020-5253-7. xiii + 222 pp. LCCN QC174.12 .P624 2006. URL <http://www.loc.gov/catdir/enhancements/fy0824/2007295641-d.html>; <http://www.loc.gov/catdir/toc/fy0706/2007295641.html>.

Placek:2007:BST

- [PM07] Tomasz Placek and Thomas Müller. Branching space-times. *Studies in History and Philosophy of Modern Physics*, 38(3):590–592, September 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000573>.

Polchinski:2017:DFS

- [Pol17] Joseph Polchinski. Dualities of fields and strings. *Studies in History and Philosophy of Modern Physics*, 59(??):6–20, August 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000829>.

Pons:2005:DIA

- [Pon05] Josep M. Pons. On Dirac's incomplete analysis of gauge transformations. *Studies in History and Philosophy of Modern Physics*, 36(3):491–518, September 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000456>.

Pooley:2006:HRW

- [Poo06] Oliver Pooley. A hole revolution, or are we back where we started? *Studies in History and Philosophy of Modern Physics*, 37(2):372–380, June 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000116>.

Potters:2019:HVN

- [Pot19] Jan Potters. Heuristics versus norms: On the relativistic responses to the Kaufmann experiments. *Studies in History and Philosophy of Modern Physics*, 66(??):69–89, May 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818300339>.

Price:2006:RWA

- [Pri06] Huw Price. Recent work on the arrow of radiation. *Studies in History and Philosophy of Modern Physics*, 37(3):498–527, September 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000402>.

Price:2008:TMR

- [Pri08] Huw Price. Toy models for retrocausality. *Studies in History and Philosophy of Modern Physics*, 39(4):752–761, November 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000427>.

Price:2012:DTS

- [Pri12] Huw Price. Does time-symmetry imply retrocausality? How the quantum world says “Maybe”? *Studies in History and Philosophy of Modern Physics*, 43(2):75–83, May 2012. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000736>.

Prunkl:2018:TCS

- [PT18] Carina E. A. Prunkl and Christopher G. Timpson. On the thermodynamical cost of some interpretations of quantum theory. *Studies in History and Philosophy of Modern Physics*, 63(??):100–113, August 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817300928>.

Pulte:2008:BRJ

- [Pul08] Helmut Pulte. Book review: Jesper Lützen, *Mechanistic images in geometric form: Heinrich Hertz’s principles of mechanics* (2005) University Press, Oxford, xiii + 318 pp., £75.00 (hardback), ISBN-13: 978-0-19-856737-0. *Studies in History and Philosophy of Modern Physics*, 39(3):702–704, September 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980800021X>. See [Lüt05].

Portmann:2007:MAD

- [PW07] Samuel Portmann and Adrian Wüthrich. Minimal assumption derivation of a weak Clauser–Horne inequality. *Studies in History and Philosophy of Modern Physics*, 38(4):844–862, December 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000366>.

Rae:2009:EBR

- [Rae09] Alastair I. M. Rae. Everett and the Born rule. *Studies in History and Philosophy of Modern Physics*, 40(3):243–250, August 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000306>.

Ramsey:2000:PPP

- [Ram00] Jeffrey Ramsey. Of parameters and principles: Producing theory in Twentieth Century physics and chemistry. *Studies in History and Philosophy of Modern Physics*, 31(4):549–567, December 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980000241>.

Ramirez:2020:SES

- [Ram20] Sebastián Murgueitio Ramírez. Separating Einstein’s separability. *Studies in History and Philosophy of Modern Physics*, 72(??):138–149, November 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219820301143>.

Read:2018:TMG

- [RBL18] James Read, Harvey R. Brown, and Dennis Lehmkuhl. Two miracles of general relativity. *Studies in History and Philosophy of Modern Physics*, 64(??):14–25, November 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817300667>.

Redhead:1999:PP

- [RBP99] Michael Redhead, Jeremy Butterfield, and Constantine Pagonis, editors. *From physics to philosophy*. Cambridge University Press, Cambridge, UK, 1999. ISBN 0-521-66025-4 (hardcover). xv + 235 pp. LCCN QC5.56 .F76 1999. URL <http://www.loc.gov/catdir/description/cam029/99011531.html>; <http://www.loc.gov/catdir/samples/cam032/99011531.html>; <http://www.loc.gov/catdir/toc/cam023/99011531.html>.

Rosenstock:2015:EAR

- [RBW15] Sarita Rosenstock, Thomas William Barrett, and James Owen Weatherall. On Einstein algebras and relativistic spacetimes. *Studies in History and Philosophy of Modern Physics*, 52 (part B)(?):309–316, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000866>.

Read:2018:DED

- [Rea18] James Read. In defence of Everettian decision theory. *Studies in History and Philosophy of Modern Physics*, 63(??):128–

135, August 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817301612>.

Read:2019:MS

- [Rea19] James Read. On miracles and spacetime. *Studies in History and Philosophy of Modern Physics*, 65(??):103–111, February 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818300704>.

Redei:1996:WJN

- [Réd96] Miklos Rédei. Why John von Neumann did not like the Hilbert Space formalism of quantum mechanics (and what he liked instead). *Studies in History and Philosophy of Modern Physics*, 27(4):493–510, December 1996. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219896000172>.

Redei:2001:FQL

- [Réd01] Miklós Rédei. Facets of quantum logic. *Studies in History and Philosophy of Modern Physics*, 32(1):101–111, March 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219800000137>.

Redhead:2004:AR

- [Red04] M. Redhead. Asymptotic reasoning. *Studies in History and Philosophy of Modern Physics*, 35(3):527–530, September 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000334>.

Redei:2014:CAR

- [Réd14] Miklós Rédei. A categorial approach to relativistic locality. *Studies in History and Philosophy of Modern Physics*, 48 (part B)(?): 137–146, November 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000987>.

Rickles:2006:SFQ

- [RFS06] Dean Rickles, Steven French, and Juha Saatsi, editors. *The structural foundations of quantum gravity*. Clarendon Press,

New York, NY, USA, 2006. ISBN 0-19-926969-6 (hardcover). xii + 270 pp. LCCN QC178 .S885 2006. URL <http://www.loc.gov/catdir/enhancements/fy0723/2007296588-d.html>; <http://www.loc.gov/catdir/enhancements/fy0723/2007296588-t.html>.

Rosaler:2019:NWR

- [RH19] Joshua Rosaler and Robert Harlander. Naturalness, Wilsonian renormalization, and “fundamental parameters” in quantum field theory. *Studies in History and Philosophy of Modern Physics*, 66(??):118–134, May 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818300686>.

Richman:1996:RDR

- [Ric96] Sam Richman. Resolving discordant results: Modern solar oblateness experiments. *Studies in History and Philosophy of Modern Physics*, 27(1):1–22, March 1996. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219895000208>.

Rickles:2005:NSH

- [Ric05a] D. P. Rickles. A new spin on the hole argument. *Studies in History and Philosophy of Modern Physics*, 36(3):415–434, September 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000237>.

Rickles:2005:IQG

- [Ric05b] Dean Rickles. Interpreting quantum gravity. *Studies in History and Philosophy of Modern Physics*, 36(4):691–715, December 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000468>.

Rickles:2006:BHA

- [Ric06] Dean Rickles. Bringing the hole argument back in the loop: a response to pooley. *Studies in History and Philosophy of Modern Physics*, 37(2):381–387, June 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000128>.

Rickles:2007:EP

- [Ric07] Dean Rickles. Econophysics for philosophers. *Studies in History and Philosophy of Modern Physics*, 38(4):948–978, December 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000202>.

Rickles:2008:ACC

- [Ric08] Dean Rickles, editor. *The Ashgate companion to contemporary philosophy of physics*. Ashgate companions. Ashgate Pub. Ltd., Aldershot, England, 2008. ISBN 0-7546-5518-0 (hardcover). ix + 386 pp. LCCN QC6 .A84 2008. URL <http://www.loc.gov/catdir/toc/ecip087/2007051083.html>.

Rickles:2010:RMG

- [Ric10] Dean Rickles. Review of M. Gasperini, & J. Maharana (Eds.) (2008). *String theory and fundamental interactions. Gabriele Veneziano and theoretical physics: Historical and contemporary perspectives* (pp. xviii + 974, hardback, EUR99.95). Springer, ISBN-13 978-3-540-74232-6. *Studies in History and Philosophy of Modern Physics*, 41(2):160–162, May 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000146>. See [GMV08].

Rickles:2011:PLS

- [Ric11] Dean Rickles. A philosopher looks at string dualities. *Studies in History and Philosophy of Modern Physics*, 42(1):54–67, February 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000037>.

Rickles:2013:ACD

- [Ric13a] Dean Rickles. AdS/CFT duality and the emergence of space-time. *Studies in History and Philosophy of Modern Physics*, 44(3):312–320, August 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219812000433>.

Rickles:2013:BR

- [Ric13b] Dean Rickles. Book review. *Studies in History and Philosophy of Modern Physics*, 44(4):524–526, November 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S135521981300049X>.

Rickles:2017:DTS

- [Ric17] Dean Rickles. Dual theories: ‘same but different’ or ‘different but same’? *Studies in History and Philosophy of Modern Physics*, 59(??):62–67, August 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981500088X>.

Ridderbos:1997:POT

- [Rid97] Katinka Ridderbos. A point outside time? *Studies in History and Philosophy of Modern Physics*, 28(4):523–535, December 1997. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897000166>.

Ridderbos:1999:LCQ

- [Rid99] Katinka Ridderbos. The loss of coherence in quantum cosmology. *Studies in History and Philosophy of Modern Physics*, 30(1):41–60, March 1999. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219898000288>.

Ridderbos:2002:CGA

- [Rid02] Katinka Ridderbos. The coarse-graining approach to statistical mechanics: how blissful is our ignorance? *Studies in History and Philosophy of Modern Physics*, 33(1):65–77, March 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000375>.

Ritson:2020:PNL

- [Rit20] Sophie Ritson. Probing novelty at the LHC: Heuristic appraisal of disruptive experimentation. *Studies in History and Philosophy of Modern Physics*, 69(??):1–11, February 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818301588>.

Rivers:2000:RP

- [Riv00] R. J. Rivers. Rich pastures. *Studies in History and Philosophy of Modern Physics*, 31(3):423–428, September 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S135521980000204>.

Rivat:2019:RS

- [Riv19] Sébastien Rivat. Renormalization scrutinized. *Studies in History and Philosophy of Modern Physics*, 68(?):23–39, November 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818300960>.

Rebsdorf:2002:EAM

- [RK02] S. Rebsdorf and H. Kragh. Edward Arthur Milne — the relations of mathematics to science. *Studies in History and Philosophy of Modern Physics*, 33(1):51–64, March 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000363>.

Romero:2019:OHY

- [RLS19] C. Romero, R. G. Lima, and T. A. T. Sanomiya. One hundred years of Weyl’s (unfinished) unified field theory. *Studies in History and Philosophy of Modern Physics*, 66(?):180–185, May 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818301539>.

Romero-Maltrana:2015:SPC

- [RM15] Diego Romero-Maltrana. Symmetries as by-products of conserved quantities. *Studies in History and Philosophy of Modern Physics*, 52 (part B)(?):358–368, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000957>.

Read:2020:RES

- [RMN20] James Read and Thomas Møller-Nielsen. Redundant epistemic symmetries. *Studies in History and Philosophy of Modern Physics*, 70(?):88–97, May 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219819301649>.

Roberts:2006:BRM

- [Rob06] John T. Roberts. Book review: M. Dorato, *The software of the universe: An introduction to the history and philos-*

ophy of laws of nature (2005) Ashgate, Aldershot, ISBN 0-7546-3994-0 (174 pp. £40.00 hardback). *Studies in History and Philosophy of Modern Physics*, 37(4):738–744, December 2006. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000645>. See [Dor05a].

Roberts:2008:LGU

[Rob08] John T. Roberts. *The Law-Governed Universe*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 2008. ISBN 0-19-955770-5. xii + 407 pp. LCCN B105.L3 R63 2008. URL <http://www.loc.gov/catdir/toc/fy0903/2008036352.html>.

Roberts:2014:GPT

[Rob14] Bryan W. Roberts. A general perspective on time observables. *Studies in History and Philosophy of Modern Physics*, 47(??):50–54, August 2014. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000525>.

Roberts:2015:CAG

[Rob15a] Bryan W. Roberts. Comment on Ashtekar: Generalization of Wigner’s principle. *Studies in History and Philosophy of Modern Physics*, 52 (part A)(?):21–23, November 2015. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000926>.

Roberts:2015:TMR

[Rob15b] Bryan W. Roberts. Three merry roads to T -violation. *Studies in History and Philosophy of Modern Physics*, 52 (part A)(?):8–15, November 2015. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000872>. See response [Ash15a] and reply [Rob15a].

Robertson:2017:CTT

[Rob17] Katie Robertson. Can the two-time interpretation of quantum mechanics solve the measurement problem? *Studies in History and Philosophy of Modern Physics*, 58(??):54–62, May 2017. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815300289>.

Roberts:2018:OD

- [Rob18] Bryan W. Roberts. Observables, disassembled. *Studies in History and Philosophy of Modern Physics*, 63(??):141–149, August 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817301077>.

Rohrlich:1996:BRI

- [Roh96] Fritz Rohrlich. Book review: Interpreting quantum field theory: Paul Teller, *An Interpretive Introduction to Quantum Field Theory* (Princeton, NJ: Princeton University Press, 1995), \$176 pp., ISBN 0-691-07408-9. *Studies in History and Philosophy of Modern Physics*, 27(1):91–98, March 1996. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/1355219895000240>. See [Tel95].

Rohrlich:2000:CAC

- [Roh00] Fritz Rohrlich. Causality and the arrow of classical time. *Studies in History and Philosophy of Modern Physics*, 31(1):1–13, March 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000301>. See comment [Rov04].

Romeijn:2008:BRM

- [Rom08] Jan-Willem Romeijn. Book review: Maria Carla Galavotti, *Philosophical Introduction to Probability* (2005) CSLI Publications, Stanford 265 pp., \$25.00, Paperback, including references and index, ISBN (Paperback): 1-57586-490-8, (Cloth): 1-57586-489-4. *Studies in History and Philosophy of Modern Physics*, 39(1): 225–228, January 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000792>. See [Gal05].

Roque:1997:MP

- [Roq97] Xavier Roqué. The manufacture of the positron. *Studies in History and Philosophy of Modern Physics*, 28(1):73–129, March 1997. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219896000214>.

Rossanese:2013:TOA

- [Ros13] Emanuele Rossanese. Trope ontology and algebraic quantum field theory: an evaluation of Kuhlmann's proposal. *Studies in History and Philosophy of Modern Physics*, 44(4):417–423, November 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000725>.

Rosaler:2015:LRP

- [Ros15] Joshua Rosaler. Local reduction in physics. *Studies in History and Philosophy of Modern Physics*, 50(?):54–69, May 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000222>.

Rosaler:2016:INC

- [Ros16] Joshua Rosaler. Interpretation neutrality in the classical domain of quantum theory. *Studies in History and Philosophy of Modern Physics*, 53(?):54–72, February 2016. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000908>.

Roush:2003:CKA

- [Rou03] Sherrilyn Roush. Copernicus, Kant, and the anthropic cosmological principles. *Studies in History and Philosophy of Modern Physics*, 34(1):5–35, March 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000291>.

Rovelli:2002:BRB

- [Rov02] C. Rovelli. Book review: *Three roads to quantum gravity*: Lee Smolin; Weidenfeld & Nicolson, London, 2000, 231 pages, price \$24.00. *Studies in History and Philosophy of Modern Physics*, 33(3):569–576, September 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000217>. See [Smo02].

Rovelli:2004:CCA

- [Rov04] Carlo Rovelli. Comment on: “Causality and the arrow of classical time”, by Fritz Rohrlich. *Studies in History and Philos-*

ophy of Modern Physics, 35(3):397–405, September 2004. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000115>. See [Roh00].

Rowe:2008:BRE

- [Row08] David E. Rowe. Book review: Einstein studies, volume 11: a retrospective review [*The universe of General Relativity*]. *Studies in History and Philosophy of Modern Physics*, 39(3):667–686, September 2008. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980800018X>. See [EK05].

Rynasiewicz:2006:TPE

- [RR06] Robert Rynasiewicz and Jürgen Renn. The turning point for Einstein’s *Annus mirabilis*. *Studies in History and Philosophy of Modern Physics*, 37(1):5–35, March 2006. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000961>.

Redei:2001:JNF

- [RS01] Miklós Rédei and Michael Stöltzner, editors. *John von Neumann and the foundations of quantum physics*, volume 8 of *Vienna Circle Institute Yearbook*. Kluwer Academic Publishers, Norwell, MA, USA, and Dordrecht, The Netherlands, 2001. ISBN 0-7923-6812-6. ix + 371 pp. LCCN QC173.98 .J65 2001.

Redei:2007:QPT

- [RS07] Miklós Rédei and Stephen Jeffrey Summers. Quantum probability theory. *Studies in History and Philosophy of Modern Physics*, 38(2):390–417, June 2007. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000342>.

Redei:2012:DCP

- [RS12] Miklós Rédei and Iñaki San Pedro. Distinguishing causality principles. *Studies in History and Philosophy of Modern Physics*, 43(2):84–89, May 2012. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219812000159>.

Raz:2015:ODI

- [RS15] Tim R az and Tilman Sauer. Outline of a dynamical inferential conception of the application of mathematics. *Studies in History and Philosophy of Modern Physics*, 49(??):57–72, February 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000052>.

Rehg:2017:AIC

- [RS17] William Rehg and Kent Staley. “Agreement” in the IPCC Confidence measure. *Studies in History and Philosophy of Modern Physics*, 57(??):126–134, February 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816300971>.

Renn:2007:GGRa

- [RSS+07a] J urgen Renn, Matthias Schemmel, Christopher Smeenk, Christopher Martin, and Lindy Divarci, editors. *The Genesis of General Relativity. Volume 3. Gravitation in the Twilight of Classical Physics: Between Mechanics, Field Theory, and Astronomy*, volume 250(3) of *Boston Studies in the Philosophy of Science*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2007. ISBN 1-4020-3999-9. ISSN 0068-0346. 619 pp. LCCN Q174 .B67 no. 250 v. 3; QC173.6 .G469 2007.

Renn:2007:GGRb

- [RSS+07b] J urgen Renn, Matthias Schemmel, Christopher Smeenk, Christopher Martin, and Lindy Divarci, editors. *The Genesis of General Relativity. Volume 4. Gravitation in the Twilight of Classical Physics: the Promise of Mathematics*, volume 250(4) of *Boston Studies in the Philosophy of Science*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2007. ISBN 1-4020-3999-9 (hardcover), 1-4020-4000-8 (e-book). ISSN 0068-0346. 621–1152 pp. LCCN Q174 .B67 no. 250 v. 4; QC173.6 .G469 2007. URL <http://d-nb.info/985765933/34>; <http://www.loc.gov/catdir/enhancements/fy0824/2007440325-d.html>; <http://www.loc.gov/catdir/enhancements/fy0824/2007440325-t.html>; <https://link.springer.com/book/10.1007/978-1-4020-4000-9>.

Ruetsche:2000:BRI

- [Rue00] Laura Ruetsche. Book review: Interpreting Bodies: Elena Castellani (ed.) *Interpreting Bodies: Classical and Quantum Ob-*

jects in Modern Physics (Princeton: Princeton University Press, 1998), viii + 329 pp., ISBN 0-691-01725-5, paperback, \$19.95 US, ISBN 0-691-01724-7, cloth, \$65.00 US. *Studies in History and Philosophy of Modern Physics*, 31(3):413–417, September 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980000083>. See [Cas98].

Ruetsche:2004:IMS

- [Rue04] Laura Ruetsche. Intrinsically mixed states: an appreciation. *Studies in History and Philosophy of Modern Physics*, 35(2):221–239, June 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000085>.

Ruetsche:2011:WN

- [Rue11] Laura Ruetsche. Why be normal? *Studies in History and Philosophy of Modern Physics*, 42(2):107–115, May 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000153>.

Redei:2010:HLL

- [RV10] Miklós Rédei and Giovanni Valente. How local are local operations in local quantum field theory? *Studies in History and Philosophy of Modern Physics*, 41(4):346–353, November 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000651>.

Ryckman:2005:RRP

- [Ryc05] Thomas Ryckman. *The reign of relativity: philosophy in physics, 1915–1925*. Oxford studies in philosophy of science. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 2005. ISBN 0-19-517717-7. ix + 317 pp. LCCN QC173.52 .R93 2005. URL <http://www.loc.gov/catdir/enhancements/fy0617/2004041576-d.html>; <http://www.loc.gov/catdir/enhancements/fy0725/2004041576-b.html>.

Rynasiewicz:2012:SCG

- [Ryn12] Robert Rynasiewicz. Simultaneity, convention, and gauge freedom. *Studies in History and Philosophy of Modern Physics*, 43(2):90–94, May 2012. CODEN ???? ISSN 1355-2198 (print),

1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219812000068>.

Rugh:2002:QVC

- [RZ02] S. E. Rugh and H. Zinkernagel. The quantum vacuum and the cosmological constant problem. *Studies in History and Philosophy of Modern Physics*, 33(4):663–705, December 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000333>.

Rugh:2009:PBC

- [RZ09] S. E. Rugh and H. Zinkernagel. On the physical basis of cosmic time. *Studies in History and Philosophy of Modern Physics*, 40(1):1–19, January 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000397>.

Rugh:1999:CEI

- [RZC99] S. E. Rugh, H. Zinkernagel, and T. Y. Cao. The Casimir Effect and the interpretation of the vacuum. *Studies in History and Philosophy of Modern Physics*, 30(1):111–139, March 1999. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219898000343>.

Sahuquillo:2019:CQN

- [Sah19] Miguel Ángel Carretero Sahuquillo. The charm quark as a naturalness success. *Studies in History and Philosophy of Modern Physics*, 68(?):51–61, November 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818301102>.

Salisbury:2009:LRC

- [Sal09] Donald Salisbury. Léon Rosenfeld and the challenge of the vanishing momentum in quantum electrodynamics. *Studies in History and Philosophy of Modern Physics*, 40(4):363–373, December 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000483>.

Salimkhani:2020:DAS

- [Sal20] Kian Salimkhani. The dynamical approach to spin-2 gravity. *Studies in History and Philosophy of Modern Physics*, 72(?): 29–45, November 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219820300836>.

Samaroo:2015:FT

- [Sam15] Ryan Samaroo. Friedman’s thesis. *Studies in History and Philosophy of Modern Physics*, 52 (part B)(?):129–138, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000295>.

Santos:2005:BTE

- [San05] Emilio Santos. Bell’s theorem and the experiments: Increasing empirical support for local realism? *Studies in History and Philosophy of Modern Physics*, 36(3):544–565, September 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000419>.

Santo:2020:UDB

- [San20] Flavio Del Santo. An unpublished debate brought to light: Karl Popper’s enterprise against the logic of quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 70(?):65–78, May 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219819301297>.

Saunders:2006:EQS

- [Sau06] Simon Saunders. On the explanation for quantum statistics. *Studies in History and Philosophy of Modern Physics*, 37(1):192–211, March 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000936>.

Sauer:2007:EME

- [Sau07] Tilman Sauer. An Einstein manuscript on the EPR paradox for spin observables. *Studies in History and Philosophy of Modern Physics*, 38(4):879–887, December 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S1355219807000330>.

Saunders:2019:PRD

- [Sau19] Simon Saunders. Physical relativity: the dynamical approach to space-time. *Studies in History and Philosophy of Modern Physics*, 67(??):117, August 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818300054>.

Saunders:2020:CI

- [Sau20] Simon Saunders. The concept ‘indistinguishable’. *Studies in History and Philosophy of Modern Physics*, 71(??):37–59, August 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219819300541>.

Savitt:1995:TAT

- [Sav95] Steven Frederick Savitt, editor. *Time’s arrows today: recent physical and philosophical work on the direction of time*. Cambridge University Press, Cambridge, UK, 1995. ISBN 0-521-46111-1. LCCN BD638 .T57 1995. URL <http://www.loc.gov/catdir/description/cam027/95230918.html>; <http://www.loc.gov/catdir/toc/cam021/95230918.html>.

Savitt:2006:I

- [Sav06] Steven F. Savitt. Introduction. *Studies in History and Philosophy of Modern Physics*, 37(3):393, September 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980600044X>.

Savitt:2015:I

- [Sav15] Steven F. Savitt. $I \heartsuit \diamonds$. *Studies in History and Philosophy of Modern Physics*, 50(??):19–24, May 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000106>.

Stairs:2007:LRC

- [SB07] Allen Stairs and Jeffrey Bub. On local realism and commutativity. *Studies in History and Philosophy of Modern Physics*, 38(4): 863–878, December 2007. CODEN ???? ISSN 1355-2198 (print),

1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980700038X>.

Stachel:2014:QGM

- [SB14] John Stachel and Kaća Bradonjić. Quantum gravity: Meaning and measurement. *Studies in History and Philosophy of Modern Physics*, 46 (part B)(?):209–216, May 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813001093>.

Suarez:2008:TTV

- [SC08] Mauricio Suárez and Nancy Cartwright. Theories: Tools versus models. *Studies in History and Philosophy of Modern Physics*, 39 (1):62–81, January 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000597>.

Schweber:1994:QMW

- [Sch94] S. S. (Silvan S.) Schweber. *QED and the men who made it: Dyson, Feynman, Schwinger, and Tomonaga*. Princeton series in physics. Princeton University Press, Princeton, NJ, USA, 1994. ISBN 0-691-03685-3, 0-691-03327-7 (paperback). xxviii + 732 pp. LCCN QC680 .S34 1994. US\$72.50. URL <http://www.loc.gov/catdir/description/prin021/93033550.html>; <http://www.loc.gov/catdir/toc/prin031/93033550.html>.

Schweber:1995:EQE

- [Sch95] Sam Schweber. Early quantum electrodynamics. *Studies in History and Philosophy of Modern Physics*, 26(2):201–211, August 1995. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/1355219895000119>.

Schroeck:1996:QMP

- [Sch96] F. (Franklin) Schroeck. *Quantum mechanics on phase space*, volume 74 of *Fundamental theories of physics*. Kluwer Academic Publishers, Norwell, MA, USA, and Dordrecht, The Netherlands, 1996. ISBN 0-7923-3794-8. xvi + 668 pp. LCCN QC174.12 .S37 1996. URL <http://www.loc.gov/catdir/enhancements/fy0822/95025631-d.html>; <http://www.loc.gov/catdir/enhancements/fy0822/95025631-t.html>.

Schmidt:1997:CUP

- [Sch97] Jan Hendrik Schmidt. Classical universes are perfectly predictable! *Studies in History and Philosophy of Modern Physics*, 28(4):433–460, December 1997. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521989700018X>.

Schmidt:1998:PMP

- [Sch98] Jan Hendrik Schmidt. Predicting the motion of particles in Newtonian mechanics and special relativity. *Studies in History and Philosophy of Modern Physics*, 29(1):81–122, March 11, 1998. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897000294>.

Schlosshauer:2007:DQC

- [Sch07] Maximilian A. Schlosshauer. *Decoherence and the quantum-to-classical transition*. The frontiers collection. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2007. ISBN 3-540-35773-4 (hardcover). xv + 416 pp. LCCN QC794.6.C58 S36 2007. URL <http://www.loc.gov/catdir/enhancements/fy0814/2007930038-b.html>; <http://www.loc.gov/catdir/enhancements/fy0814/2007930038-d.html>; <http://www.loc.gov/catdir/enhancements/fy0814/2007930038-t.html>.

Schulman:2008:IF

- [Sch08a] Lawrence S. Schulman. Influence of the future. *Studies in History and Philosophy of Modern Physics*, 39(4):819–829, November 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000245>.

Schulte:2008:CDC

- [Sch08b] Oliver Schulte. The co-discovery of conservation laws and particle families. *Studies in History and Philosophy of Modern Physics*, 39(2):288–314, May 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807001037>.

Schroer:2010:LIBa

- [Sch10a] Bert Schroer. Localization and the interface between quantum mechanics, quantum field theory and quantum gravity I: The

two antagonistic localizations and their asymptotic compatibility. *Studies in History and Philosophy of Modern Physics*, 41(2):104–127, May 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000201>.

Schroer:2010:LIBb

- [Sch10b] Bert Schroer. Localization and the interface between quantum mechanics, quantum field theory and quantum gravity II: The search of the interface between QFT and QG. *Studies in History and Philosophy of Modern Physics*, 41(4):293–308, November 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000195>.

Scheiding:2013:BSS

- [Sch13] Tom Scheiding. Building the scholarly society infrastructure in physics in interwar America. *Studies in History and Philosophy of Modern Physics*, 44(4):450–463, November 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000762>.

Schroer:2015:MLH

- [Sch15] Bert Schroer. Modular localization and the holistic structure of causal quantum theory, a historical perspective. *Studies in History and Philosophy of Modern Physics*, 49(??):109–147, February 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000537>.

Scholz:2018:WSD

- [Sch18] Erhard Scholz. Weyl’s search for a difference between ‘physical’ and ‘mathematical’ automorphisms. *Studies in History and Philosophy of Modern Physics*, 61(??):57–67, ???? 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816300235>.

Schonfeld:2019:ADS

- [Sch19] Jonathan F. Schonfeld. Analysis of double-slit interference experiment at the atomic level. *Studies in History and Philosophy of Modern Physics*, 67(??):20–25, August 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S1355219818301941>.

Schroeren:2020:MI

- [Sch20] David Schroeren. The metaphysics of invariance. *Studies in History and Philosophy of Modern Physics*, 70(??):51–64, May 2020. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219819301704>.

Silberstein:2008:WQM

- [SCS08] Michael Silberstein, Michael Cifone, and William Mark Stuckey. Why quantum mechanics favors adynamical and acausal interpretations such as relational blockworld over backwardly causal and time-symmetric rivals. *Studies in History and Philosophy of Modern Physics*, 39(4):736–751, November 2008. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000592>.

Sebens:2016:CCW

- [Seb16] Charles T. Sebens. Constructing and constraining wave functions for identical quantum particles. *Studies in History and Philosophy of Modern Physics*, 56(??):48–59, November 2016. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816300831>.

Sebens:2018:FF

- [Seb18] Charles T. Sebens. Forces on fields. *Studies in History and Philosophy of Modern Physics*, 63(??):ii, August 2018. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981730059X>.

Sebens:2019:HES

- [Seb19] Charles T. Sebens. How electrons spin. *Studies in History and Philosophy of Modern Physics*, 68(??):40–50, November 2019. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981830087X>.

Sebens:2020:PPC

- [Seb20] Charles T. Sebens. Putting positrons into classical Dirac field theory. *Studies in History and Philosophy of Modern Physics*, 70(??):8–18, May 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219819300760>.

Seevinck:2004:HPT

- [See04] M. P. Seevinck. Holism, physical theories and quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 35(4):693–712, December 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000577>.

Semiz:2016:OT

- [Sem16] Ibrahim Semiz. OV or TOV? *Studies in History and Philosophy of Modern Physics*, 56(??):13–16, November 2016. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816300909>.

Seth:2009:ZAZ

- [Set09] Suman Seth. Zweideutigkeit about “Zweideutigkeit”: Sommerfeld, Pauli, and the methodological origins of quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 40(4):303–315, December 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000276>.

Sewell:2002:QME

- [Sew02] G. L. Sewell. *Quantum mechanics and its emergent macrophysics*. Princeton University Press, Princeton, NJ, USA, 2002. ISBN 0-691-05832-6. x + 292 pp. LCCN QC174.12 .S477 2002. URL <http://www.loc.gov/catdir/enhancements/fy0654/2005297056-d.html>; <http://www.loc.gov/catdir/enhancements/fy0654/2005297056-t.html>.

Scheibe:2001:BRE

- [SF01] Erhard Scheibe and Brigitte Falkenburg. *Between rationalism and empiricism: selected papers in the philosophy of physics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2001. ISBN 0-387-98520-4. viii + 627 pp. LCCN QC6.2

.S34 2001. URL <http://www.loc.gov/catdir/enhancements/fy0816/2001020199-d.html>; <http://www.loc.gov/catdir/enhancements/fy0816/2001020199-t.html>.

Simoes:2000:QCG

- [SG00] Ana Simões and Kostas Gavroğlu. Quantum chemistry in Great Britain: Developing a mathematical framework for quantum chemistry. *Studies in History and Philosophy of Modern Physics*, 31(4): 511–548, December 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980000023X>.

Shenker:1999:MDB

- [She99] Orly R. Shenker. Maxwell’s Demon and Baron Munchausen: Free will as a *Perpetuum Mobile*. *Studies in History and Philosophy of Modern Physics*, 30(3):347–372, September 1999. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000143>.

Shenker:2004:BRB

- [She04] Orly R. Shenker. Book review: *Maxwell’s Demon 2: Entropy, classical and quantum information, computing*: Harvey Leff and Andrew Rex (Eds.); Institute of Physics, Bristol, 2003, 500 pp., US \$55, ISBN 0-7503-0759-5. *Studies in History and Philosophy of Modern Physics*, 35(3):537–540, September 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000279>. See [LR03].

Sieroka:2005:BRT

- [Sie05] Norman Sieroka. Book review: Thomas Ryckman, *The reign of relativity philosophy in physics 1915–1925* (2005) Oxford University Press, New York, ISBN 0-19-517717-7 (330 pp., US \$60.00). *Studies in History and Philosophy of Modern Physics*, 36(4):724–729, December 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000651>. See [Ryc05].

Sieroka:2018:TCP

- [Sie18] Norman Sieroka. Theoretical construction in physics — the role of Leibniz for Weyl’s ‘*Philosophie der Mathematik und Naturwissenschaft*’. *Studies in History and Philosophy of Modern Physics*,

61(??):6–17, 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816300247>.

Simpson:2014:OAC

- [Sim14] William M. R. Simpson. Ontological aspects of the Casimir Effect. *Studies in History and Philosophy of Modern Physics*, 48 (part A) (??):84–88, November 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000859>.

Shafiee:2006:CMI

- [SJAG06] Afshin Shafiee, Maryam Jafar-Aghdami, and Mehdi Golshani. A critique of Mohrhoff’s interpretation of quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 37(2):316–329, June 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000074>.

Sklar:2002:TTP

- [Sk102] Lawrence Sklar. *Theory and Truth: Philosophical Critique within Foundational Science*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 2002. ISBN 0-19-925157-6. x + 153 pp. LCCN Q175 .S5755 2000. URL <http://www.oxfordscholarship.com/oso/public/content/philosophy/9780199251575/toc.html>.

Schlosshauer:2013:SFA

- [SKZ13] Maximilian Schlosshauer, Johannes Kofler, and Anton Zeilinger. A snapshot of foundational attitudes toward quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 44(3): 222–230, August 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000397>.

Slowik:2006:DLR

- [Slo06] Edward Slowik. The “dynamics” of Leibnizian relationism: Reference frames and force in Leibniz’s plenum. *Studies in History and Philosophy of Modern Physics*, 37(4):617–634, December 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000475>.

Slowik:2013:DMQ

- [Slo13] Edward Slowik. The deep metaphysics of quantum gravity: the seventeenth century legacy and an alternative ontology beyond substantivalism and relationism. *Studies in History and Philosophy of Modern Physics*, 44(4):490–499, November 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000713>.

Sloan:2015:CTD

- [Slo15] David Sloan. Calling time on digital clocks. *Studies in History and Philosophy of Modern Physics*, 52 (part A)(?):62–68, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000313>.

Smeenk:2011:IPQ

- [SM11] Christopher Smeenk and W. C. Myrvold. Introduction: philosophy of quantum field theory. *Studies in History and Philosophy of Modern Physics*, 42(2):77–80, May 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981100027X>.

Sieroka:2014:HPQ

- [SM14] Norman Sieroka and Eikehard W. Mielke. Holography as a principle in quantum gravity? — Some historical and systematic observations. *Studies in History and Philosophy of Modern Physics*, 46 (part B)(?):170–178, May 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981300110X>.

Smadja:2010:TMP

- [Sma10] Ivahn Smadja. Tuning up mind’s pattern to nature’s own idea: Eddington’s early twenties case for variational derivatives. *Studies in History and Philosophy of Modern Physics*, 41(2):128–145, May 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000183>.

Smeenk:2003:BRB

- [Sme03] Chris Smeenk. Book review: *The future of spacetime*: Stephen William Hawking (ed.); Kip S. Thorne, Igor Novikov, Timothy Ferris, Alan Lightman, and Richard Price, W. W. Norton & Company, 2002, 224 pp., US \$25.95, ISBN 0-393-02022-3. *Studies in History and Philosophy of Modern Physics*, 34(4):680–683, December 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000698>. See [H⁺02].

Smeenk:2005:BRD

- [Sme05] Chris Smeenk. Book review: David B. Malament, Editors, *Reading natural philosophy: Essays in the history and philosophy of science and mathematics* (2002) Open Court, Chicago and La Salle, IL, ISBN 0-8126-9506-2 (pp. 424 US \$42.95, Hardcover). *Studies in History and Philosophy of Modern Physics*, 36(1):194–199, March 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000826>. See [Mal02].

Smeenk:2014:PCE

- [Sme14] Chris Smeenk. Predictability crisis in early universe cosmology. *Studies in History and Philosophy of Modern Physics*, 46(Part A):122–133, May 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000932>.

Smeenk:2020:SRS

- [Sme20] Chris Smeenk. Some reflections on the structure of cosmological knowledge. *Studies in History and Philosophy of Modern Physics*, 71(?):220–231, August 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219820300915>.

Smith:1995:DU

- [Smi95] Peter Smith. Dynamic understanding? *Studies in History and Philosophy of Modern Physics*, 26(2):213–222, August 1995. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219895000070>.

Smith:2002:BRB

- [Smi02] Robert W. Smith. Book review: *The Einstein tower: an intertexture of dynamic construction, Relativity Theory, and astronomy*. Klaus Hentschel and Ann M. Hentschel (Trans.); Stanford University Press, 270 pp., US \$51, ISBN 0-8047-2824-0. *Studies in History and Philosophy of Modern Physics*, 33(3):591–599, September 2002. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000278>. See [Hen97].

Smith:2003:AR

- [Smi03a] Sheldon Smith. Author's response. *Studies in History and Philosophy of Modern Physics*, 34(2):283, June 2003. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000091>.

Smith:2003:IVR

- [Smi03b] Sheldon R. Smith. Are instantaneous velocities real and really instantaneous?: an argument for the affirmative. *Studies in History and Philosophy of Modern Physics*, 34(2):261–280, June 2003. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000078>.

Smith:2007:SCC

- [Smi07] Sheldon Smith. Special cases, composition of causes, and the complexity of nature. *Studies in History and Philosophy of Modern Physics*, 38(1):80–96, March 2007. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000669>.

Smith:2008:SEC

- [Smi08] Sheldon R. Smith. Symmetries and the explanation of conservation laws in the light of the inverse problem in Lagrangian mechanics. *Studies in History and Philosophy of Modern Physics*, 39(2):325–345, May 2008. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000026>.

Smith:2019:NNY

- [Smi19] George E. Smith. Newton's numerator in 1685: a year of gestation. *Studies in History and Philosophy of Modern Physics*, 68(?):163–177, November 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818302041>.

Smolin:2002:TRQ

- [Smo02] Lee Smolin. *Three roads to quantum gravity*. Science masters. Basic Books, New York, NY, USA, 2002. ISBN 0-465-07836-2 (paperback). viii + 245 pp. LCCN QC178 .S64 2002. URL <http://www.loc.gov/catdir/enhancements/fy0830/2007310371-b.html>; <http://www.loc.gov/catdir/enhancements/fy0830/2007310371-d.html>.

Smolin:2015:TN

- [Smo15] Lee Smolin. Temporal naturalism. *Studies in History and Philosophy of Modern Physics*, 52 (part A)(?):86–102, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000271>.

Sober:2020:HDL

- [Sob20] Elliott Sober. Histories, dynamical laws, and initial conditions: Invariance under time-reversibility and its failure in Markov processes, with application to the Second Law of Thermodynamics and the past hypothesis. *Studies in History and Philosophy of Modern Physics*, 69(?):26–31, February 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219819300231>.

Solé:2013:BMW

- [Sol13] Albert Solé. Bohmian mechanics without wave function ontology. *Studies in History and Philosophy of Modern Physics*, 44(4):365–378, November 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000658>.

Sorkin:2005:TTB

- [Sor05] Rafael D. Sorkin. Ten theses on black hole entropy. *Studies in History and Philosophy of Modern Physics*, 36(2):291–301,

June 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000201>.

Spiller:2002:BRB

- [Spi02] Timothy P. Spiller. Book review: *Quantum state diffusion*: Ian Percival, Quantum State Diffusion, Cambridge University Press, Cambridge, 1998. *Studies in History and Philosophy of Modern Physics*, 33(4):707–716, December 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000345>. See [Per98].

Spiller:1998:IQC

- [SPL98] Tim Spiller, Sandu Popescu, and Hoi-Kwong Lo, editors. *Introduction to quantum computation and information*. World Scientific Publishing Co., Singapore; Philadelphia, PA, USA; River Edge, NJ, USA, 1998. ISBN 981-02-3399-X. xiii + 348 pp. LCCN QA76.889 .L6 1998.

Squires:1996:UQD

- [Squ96] Euan J. Squires. The unresolved quantum dilemma. *Studies in History and Philosophy of Modern Physics*, 27(3):389–395, September 1996. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897882111>.

Schlosshauer-Selbach:2007:DQC

- [SS07] Maximilian Schlosshauer-Selbach. *Decoherence and the quantum-to-classical transition*. The frontiers collection. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2007. ISBN 3-540-35773-4 (hardcover). xv + 416 pp. LCCN QC794.6.C58.S36 2007.

Stachel:2005:BRB

- [Sta05] John Stachel. Book review: *Einstein's clocks, Poincaré's maps; Empires of time*. *Studies in History and Philosophy of Modern Physics*, 36(1):202–210, March 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000796>. See [Gal04].

Stamp:2006:DP

- [Sta06] P. C. E. Stamp. The decoherence puzzle. *Studies in History and Philosophy of Modern Physics*, 37(3):467–497, September 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000451>.

Staley:2008:EGO

- [Sta08] Richard Staley. *Einstein's generation: the origins of the Relativity revolution*. University of Chicago Press, Chicago, IL, USA and London, UK, 2008. ISBN 0-226-77056-7 (cloth), 0-226-77057-5 (paperback). x + 494 pp. LCCN QC7 .S777 2008. URL <http://www.loc.gov/catdir/enhancements/fy0829/2008014155-d.html>; <http://www.loc.gov/catdir/toc/ecip0815/2008014155.html>; <http://www.press.uchicago.edu/presssite/metadata.epl?mode=synopsis&bookkey=306867>.

Stairs:2011:LSC

- [Sta11] Allen Stairs. A loose and separate certainty: Caves, Fuchs and Schack on quantum probability one. *Studies in History and Philosophy of Modern Physics*, 42(3):158–166, August 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000074>.

Stamenkovic:2016:NUE

- [Sta16] Philippe Stamenkovic. On the “negative utility” of Ernst Cassirer’s philosophy of physics: an application to the EPR argument. *Studies in History and Philosophy of Modern Physics*, 55(??):34–42, August 2016. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816300296>.

Stairs:2020:BN

- [Sta20] Allen Stairs. Is Bananaworld nonlocal? *Studies in History and Philosophy of Modern Physics*, 72(??):301–309, November 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818300303>.

Sterrett:1998:SLL

- [Ste98] Susan G. Sterrett. Sounds like light: Einstein’s Special Theory of Relativity and Mach’s work in acoustics and aerodynamics.

Studies in History and Philosophy of Modern Physics, 29(1):1–35, March 11, 1998. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897000270>.

Steane:2003:QCO

- [Ste03] A. M. Steane. A quantum computer only needs one universe. *Studies in History and Philosophy of Modern Physics*, 34(3):469–478, September 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000388>.

Steeger:2019:PST

- [Ste19] Jeremy Steeger. Probabilism for stochastic theories. *Studies in History and Philosophy of Modern Physics*, 66(??):34–44, May 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818300753>.

Stein:2020:HDP

- [Ste20] Howard Stein. How does physics bear upon metaphysics; and why did Plato hold that philosophy cannot be written down? *Studies in History and Philosophy of Modern Physics*, 72(??):152–161, November 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219820300964>.

Stoltzner:2003:PLA

- [Stö03] Michael Stöltzner. The principle of least action as the logical empiricist’s Shibboleth. *Studies in History and Philosophy of Modern Physics*, 34(2):285–318, June 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000029>.

Stoltzner:2007:NGJ

- [Stö07] Michael Stöltzner. A new glimpse of John von Neumann’s thought laboratory. *Studies in History and Philosophy of Modern Physics*, 38(4):938–947, December 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000196>.

Straumann:2004:BRB

- [Str04] N. Straumann. Book review: *No time to be brief: a scientific biography of Wolfgang Pauli*. Charles P. Enz; Oxford University Press, New York, 2002, pp. 581, price US\$60.00, £35.00, ISBN 0-19-856479-1. *Studies in History and Philosophy of Modern Physics*, 35(3):544–547, September 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000322>. See [Enz02].

Strobach:2007:FAT

- [Str07] Niko Strobach. Fooling around with tenses. *Studies in History and Philosophy of Modern Physics*, 38(3):653–672, September 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000421>.

Struyve:2011:GIA

- [Str11] Ward Struyve. Gauge invariant accounts of the Higgs mechanism. *Studies in History and Philosophy of Modern Physics*, 42(4):226–236, November 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000384>.

Suarez:2007:QP

- [Suá07] Mauricio Suárez. Quantum propensities. *Studies in History and Philosophy of Modern Physics*, 38(2):418–438, June 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000287>.

Suarez:2009:MMW

- [Suá09] Mauricio Suárez. The many metaphysics within physics. Essay review of *The Metaphysics within Physics* by Tim Maudlin. *Studies in History and Philosophy of Modern Physics*, 40(3):273–276, August 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000379>. See [Mau07a].

Sudbery:2002:DVQ

- [Sud02] Anthony Sudbery. Diese Verdammte Quantenspringerei. (German) [These damned quantum jumps]. *Studies in History*

and *Philosophy of Modern Physics*, 33(3):387–411, September 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1369848602000031>.

Summers:2009:SIR

- [Sum09] Stephen J. Summers. Subsystems and independence in relativistic microscopic physics. *Studies in History and Philosophy of Modern Physics*, 40(2):133–141, May 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000082>.

Sundberg:2010:CSV

- [Sun10] Mikaela Sundberg. Cultures of simulations vs. cultures of calculations? the development of simulation practices in meteorology and astrophysics. *Studies in History and Philosophy of Modern Physics*, 41(3):273–281, September 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000444>.

Suppes:2002:RIS

- [Sup02] Patrick Suppes. *Representation and invariance of scientific structures*. CSLI Publications, Stanford, CA, USA, 2002. ISBN 1-57586-333-2 (hardcover). xv + 536 pp. LCCN Q175 .S93945 2002. URL <http://www.loc.gov/catdir/description/uchi051/2001035637.html>; <http://www.loc.gov/catdir/enhancements/fy0612/2001035637-b.html>; <http://www.loc.gov/catdir/toc/uchi051/2001035637.html>.

Suppes:2004:BRB

- [Sup04] P. Suppes. Book review: *Between chance and choice: interdisciplinary perspectives on determinism*: Harald Atmanspacher and Robert Bishop, (Eds.), Imprint Academic, Exeter, New York, 2002, 528 pp., US \$48, ISBN 0-907845-21-5. *Studies in History and Philosophy of Modern Physics*, 35(1):125–129, March 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000868>. See [AB02].

Sus:2014:DME

- [Sus14] Adán Sus. Dark matter, the Equivalence Principle and modified gravity. *Studies in History and Philosophy of Modern Physics*, 45

(?):66–71, February 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000033>. See corrigendum [Sus15].

Sus:2015:CDM

- [Sus15] Adán Sus. Corrigendum to “Dark matter, the Equivalence Principle and modified gravity” [Stud. Hist. Philos. Sci. Part B: Stud. Hist. Philos. Mod. Phys. **45** (2014) 66–71]. *Studies in History and Philosophy of Modern Physics*, 52 (part B)(?):371, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000398>. See [Sus14].

Sus:2019:EAC

- [Sus19] Adán Sus. Explanation, analyticity and constitutive principles in spacetime theories. *Studies in History and Philosophy of Modern Physics*, 65(?):15–24, February 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818300182>.

Sutherland:2008:CSB

- [Sut08] Roderick Ian Sutherland. Causally symmetric Bohm model. *Studies in History and Philosophy of Modern Physics*, 39(4):782–805, November 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000294>.

Svozil:1998:AQC

- [Svo98] K. Svozil. Analogues of quantum complementarity in the theory of automata. *Studies in History and Philosophy of Modern Physics*, 29(1):61–80, March 11, 1998. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897000282>.

Svozil:2001:QLA

- [Svo01] K. Svozil. Quantum logic in algebraic approach. *Studies in History and Philosophy of Modern Physics*, 32(1):113–115, March 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219800000058>.

Schweber:2000:CSM

- [SW00] Sam Schweber and Matthias Wächter. Complex systems, modelling and simulation. *Studies in History and Philosophy of Modern Physics*, 31(4):583–609, December 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980000307>.

Swanson:2019:DAC

- [Swa19] Noel Swanson. Deciphering the algebraic CPT theorem. *Studies in History and Philosophy of Modern Physics*, 68(?):106–125, November 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818301758>.

Szabo:2007:OPL

- [Sza07] László E. Szabó. Objective probability-like things with and without objective indeterminism. *Studies in History and Philosophy of Modern Physics*, 38(3):626–634, September 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000433>.

tHooft:2001:OWT

- [’t 01] Gerard ’t Hooft. Obstacles on the way towards the quantisation of space, time and matter — and possible resolutions. *Studies in History and Philosophy of Modern Physics*, 32(2):157–180, June 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000089>.

Tamir:2012:PPT

- [Tam12] Michael Tamir. Proving the principle: Taking geodesic dynamics too seriously in Einstein’s theory. *Studies in History and Philosophy of Modern Physics*, 43(2):137–154, May 2012. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000724>.

Tanona:2004:UBR

- [Tan04] Scott Tanona. Uncertainty in Bohr’s response to the Heisenberg microscope. *Studies in History and Philosophy of Modern Physics*, 35(3):483–507, September 2004. CODEN ???? ISSN

1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000371>

Tanona:2009:BRA

- [Tan09] Scott Tanona. Book review: Arkady Plotnitsky, *Reading Bohr: Physics and Philosophy* (2006) Springer, Berlin (242 pp., US \$189, Hardcover, ISBN-13 978-1-4020-5253-8). *Studies in History and Philosophy of Modern Physics*, 40(1):90–91, January 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000567>. See [Plo06].

Tappenden:2017:OPM

- [Tap17] Paul Tappenden. Objective probability and the mind–body relation. *Studies in History and Philosophy of Modern Physics*, 57(??):8–16, February 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816301782>.

Teh:2012:CCN

- [Teh12] Nicholas J. Teh. On classical cloning and no-cloning. *Studies in History and Philosophy of Modern Physics*, 43(1):47–63, February 2012. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000670>.

Teh:2013:HE

- [Teh13] Nicholas J. Teh. Holography and emergence. *Studies in History and Philosophy of Modern Physics*, 44(3):300–311, August 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000221>.

Teitel:2019:BIL

- [Tei19] Trevor Teitel. Background independence: Lessons for further decades of dispute. *Studies in History and Philosophy of Modern Physics*, 65(??):41–54, February 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981830056X>.

Teller:1995:IIQ

- [Tel95] Paul Teller. *An interpretive introduction to quantum field theory*. Princeton University Press, Princeton, NJ, USA, 1995. ISBN 0-691-07408-9. x + 176 pp. LCCN QC174.45 .T45 1995. US\$35.00. URL <http://www.loc.gov/catdir/description/prin031/94013846.html>; <http://www.loc.gov/catdir/toc/prin031/94013846.html>.

Teller:1997:MCF

- [Tel97] Paul Teller. A metaphysics for contemporary field theories. *Studies in History and Philosophy of Modern Physics*, 28(4):507–522, December 1997. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897000154>.

Teller:2002:BRB

- [Tel02] Paul Teller. Book review: *The philosophy of physics*: Roberto Torretti; Cambridge University Press, Cambridge, 1999, pp. xvi + 512, index, US \$70.00, ISBN 0-521-56259-7 (hbk), 0-521-56571-5 (pbk). *Studies in History and Philosophy of Modern Physics*, 33(4):725–730, December 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000357>. See [Tor99].

Terekhovitch:2018:MPL

- [Ter18] Vladislav Terekhovitch. Metaphysics of the principle of least action. *Studies in History and Philosophy of Modern Physics*, 62(??):189–201, May 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817301557>.

Thebault:2012:TDT

- [Thé12] Karim P. Y. Thébault. Three denials of time in the interpretation of canonical gravity. *Studies in History and Philosophy of Modern Physics*, 43(4):277–294, November 2012. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981200055X>.

Timpson:2003:SCI

- [Tim03] C. G. Timpson. On a supposed conceptual inadequacy of the Shannon information in quantum mechanics. *Studies in His-*

tory and Philosophy of Modern Physics, 34(3):441–468, September 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000376>.

Timpson:2008:QBS

- [Tim08] Christopher Gordon Timpson. Quantum Bayesianism: a study. *Studies in History and Philosophy of Modern Physics*, 39(3):579–609, September 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000257>.

Toader:2018:ASD

- [Toa18] Iulian D. Toader. “Above the slough of despond’: Wylean invariantism and quantum physics. *Studies in History and Philosophy of Modern Physics*, 61(??):18–24, ???? 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816300259>.

Torretti:1997:PM

- [Tor97] Roberto Torretti. From physics to metaphysics. *Studies in History and Philosophy of Modern Physics*, 28(2):291–298, June 1997. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897000026>.

Torretti:1999:PP

- [Tor99] Roberto Torretti. *The philosophy of physics*. The evolution of modern philosophy. Cambridge University Press, Cambridge, UK, 1999. ISBN 0-521-56259-7 (hardcover), 0-521-56571-5 (paperback). xvi + 512 pp. LCCN QC6 .T656 1999. URL <http://www.loc.gov/catdir/description/cam0210/99042504.html>; <http://www.loc.gov/catdir/samples/cam032/99042504.html>; <http://www.loc.gov/catdir/toc/cam025/99042504.html>.

Torretti:2000:SMW

- [Tor00] Roberto Torretti. Spacetime models for the world. *Studies in History and Philosophy of Modern Physics*, 31(2):171–186, June 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000362>.

Torretti:2002:BRB

- [Tor02] Roberto Torretti. Book review: *Concepts of mass in contemporary physics and philosophy*: Max Jammer; Princeton University Press, Princeton, 2000, xi + 180 pp., price US \$41.50, ISBN 0-691-01017-X. *Studies in History and Philosophy of Modern Physics*, 33(4): 730–735, December 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000369>. See [Jam00].

Torretti:2003:BRB

- [Tor03] Roberto Torretti. Book review: *Philosophy and geometry: theoretical and historical issues*: Lorenzo Magnani, Kluwer Academic Publishers, Dordrecht, 2001, pp. xix + 249, US \$88. ISBN 0-7923-6933-5. *Studies in History and Philosophy of Modern Physics*, 34(1):158–160, March 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000795>. See [Mag01].

Torretti:2007:PTA

- [Tor07] Roberto Torretti. The problem of time's arrow historically reexamined. *Studies in History and Philosophy of Modern Physics*, 38(4):732–756, December 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000214>.

Teh:2017:TEC

- [TT17] Nicholas J. Teh and Dimitris Tsementzis. Theoretical equivalence in classical mechanics and its relationship to duality. *Studies in History and Philosophy of Modern Physics*, 59(??):44–54, August 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816000113>.

Uffink:2008:MHJ

- [UDvLS08] Jos Uffink, Dennis Dieks, Janneke van Lith, and Geurt Sengers. In memoriam Hanneke Janssen: 15-01-1982 to 11-11-2008. *Studies in History and Philosophy of Modern Physics*, 39(4):917–918, November 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000816>.

Uffink:1995:CME

- [Uff95] Jos Uffink. Can the maximum entropy principle be explained as a consistency requirement? *Studies in History and Philosophy of Modern Physics*, 26(3):223–261, December 1995. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219895000151>.

Uffink:1996:CRM

- [Uff96a] Jos Uffink. The constraint rule of the maximum entropy principle. *Studies in History and Philosophy of Modern Physics*, 27(1):47–79, March 1996. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219895000224>. See minor correction of typographical error [Ano96c].

Uffink:1996:NMM

- [Uff96b] Jos Uffink. Nought but molecules in motion. *Studies in History and Philosophy of Modern Physics*, 27(3):373–387, September 1996. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521989600007X>.

Uffink:2001:BYW

- [Uff01] Jos Uffink. Bluff your way in the Second Law of Thermodynamics. *Studies in History and Philosophy of Modern Physics*, 32(3):305–394, September 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000168>.

Uffink:2002:TC

- [Uff02] Jos Uffink. Time and chance. *Studies in History and Philosophy of Modern Physics*, 33(3):555–563, September 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980200028X>.

Uffink:2005:I

- [Uff05] Jos Uffink. Introduction. *Studies in History and Philosophy of Modern Physics*, 36(2):219–223, June 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000213>.

Uffink:2006:IDE

- [Uff06] Jos Uffink. Insuperable difficulties: Einstein's statistical road to molecular physics. *Studies in History and Philosophy of Modern Physics*, 37(1):36–70, March 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000948>.

Uffink:2011:HJM

- [Uff11] J. Uffink. The Hanneke Janssen memorial prize paper 2010. *Studies in History and Philosophy of Modern Physics*, 42(4):213, November 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000530>.

Uffink:2013:RGS

- [Uff13] Jos Uffink. Reply to Gao's *On Uffink's criticism of protective measurements*. *Studies in History and Philosophy of Modern Physics*, 44(4):519–523, November 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000518>. See [Gao13b].

Uckelman:2007:MTL

- [UU07] Sara L. Uckelman and Joel Uckelman. Modal and temporal logics for abstract space–time structures. *Studies in History and Philosophy of Modern Physics*, 38(3):673–681, September 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980700041X>.

Valentini:2002:BRB

- [Val02] Antony Valentini. Book review: *The Geometric Universe: Science, Geometry, and the Work of Roger Penrose*: Huggett, S. A., Mason, L. J., Tod, K. P., Tsou, S. T., and Woodhouse, N. M. J. (Eds.), Oxford University Press, Oxford, 1998, 456 pp., price US \$48.00, UK £34.50 hardback, ISBN 0-19-850059-9. *Studies in History and Philosophy of Modern Physics*, 33(1):131–135, March 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000430>. See [H⁺98].

Valente:2007:TSP

- [Val07] Giovanni Valente. Is there a stability problem for Bayesian non-commutative probabilities? *Studies in History and Philosophy of Modern Physics*, 38(4):832–843, December 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000408>.

Valente:2008:JNM

- [Val08] Giovanni Valente. John von Neumann’s mathematical “Utopia” in quantum theory. *Studies in History and Philosophy of Modern Physics*, 39(4):860–871, November 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000403>.

Valente:2013:LDR

- [Val13] Giovanni Valente. Local disentanglement in relativistic quantum field theory. *Studies in History and Philosophy of Modern Physics*, 44(4):424–432, November 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000750>.

Valente:2014:DRS

- [Val14] Giovanni Valente. Does the Reeh–Schlieder theorem violate relativistic causality? *Studies in History and Philosophy of Modern Physics*, 48 (part B)(?):147–155, November 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000574>.

Valente:2015:RPP

- [Val15] Giovanni Valente. Restoring particle phenomenology. *Studies in History and Philosophy of Modern Physics*, 51(??):97–103, August 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000550>.

VanCamp:2011:PTC

- [Van11] Wesley Van Camp. Principle theories, constructive theories, and explanation in modern physics. *Studies in History and Philosophy of Modern Physics*, 42(1):23–31, February 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S135521981000081X>.

Vanderburgh:2014:IRT

- [Van14] William L. Vanderburgh. On the interpretive role of theories of gravity and ‘ugly’ solutions to the total evidence for dark matter. *Studies in History and Philosophy of Modern Physics*, 47(??):62–67, August 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000598>.

Vassallo:2015:CBM

- [Vas15] Antonio Vassallo. Can Bohmian mechanics be made background independent? *Studies in History and Philosophy of Modern Physics*, 52 (part B)(?):242–250, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000660>.

vanDongen:2002:EKK

- [vD02] Jeroen van Dongen. Einstein and the Kaluza–Klein particle. *Studies in History and Philosophy of Modern Physics*, 33(2):185–210, June 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000175>.

vanDongen:2010:EOO

- [vD10] Jeroen van Dongen. On Einstein’s opponents, and other crackpots. *Studies in History and Philosophy of Modern Physics*, 41(1):78–80, January 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000598>.

vanDongen:2004:BHC

- [vDdH04] Jeroen van Dongen and Sebastian de Haro. On black hole complementarity. *Studies in History and Philosophy of Modern Physics*, 35(3):509–525, September 2004. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000395>.

vanDongen:2009:HQI

- [vDDUK09] Jeroen van Dongen, Dennis Dieks, Jos Uffink, and A. J. Kox. On the history of the quantum: Introduction to the HQ2 special issue. *Studies in History and Philosophy of Modern Physics*, 40(4):

277–279, December 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000677>.

vanDongen:2020:ECS

- [vDDVB20] Jeroen van Dongen, Sebastian De Haro, Manus Visser, and Jeremy Butterfield. Emergence and correspondence for string theory black holes. *Studies in History and Philosophy of Modern Physics*, 69(??):112–127, February 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219819300565>.

vanEnk:2014:BDP

- [vE14] Steven J. van Enk. The Brandeis dice problem and statistical mechanics. *Studies in History and Philosophy of Modern Physics*, 48 (part A)(?):1–6, November 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000914>.

Vassallo:2016:LRG

- [VE16] Antonio Vassallo and Michael Esfeld. Leibnizian relationalism for general relativistic physics. *Studies in History and Philosophy of Modern Physics*, 55(??):101–107, August 2016. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816301186>.

Vedral:2005:BRG

- [Ved05] Vlatko Vedral. Book review: Ghirardi GianCarlo, *Sneaking a Look at God's Cards. Unraveling the Mysteries of Quantum Mechanics* (2004) Princeton University Press, Princeton, NJ, ISBN 0-691-12139-7 (512 pp, US\$35), translated from the Italian by Gerald Malsbary. *Studies in History and Philosophy of Modern Physics*, 36(4):730–731, December 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000663>. See [Ghi05].

Velasco:2015:BRP

- [Vel15] Josefa Ros Velasco. Book review: *Paradigms for a Metaphorology of the Cosmos. Hans Blumenberg and the Contemporary Metaphors of the Universe*, Alberto Fragio. Aracne, Ar-

iccia (2015). *Studies in History and Philosophy of Modern Physics*, 52 (part A)(?):106–109, November 2015. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000854>.

Vermaas:1996:UTP

[Ver96] Pieter E. Vermaas. Unique transition probabilities in the modal interpretation. *Studies in History and Philosophy of Modern Physics*, 27(2):133–159, June 1996. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/1355219895000046>.

Vermaas:1999:PUQ

[Ver99a] Pieter E. Vermaas. *A philosopher's understanding of quantum mechanics: possibilities and impossibilities of a modal interpretation*. Cambridge University Press, Cambridge, UK, 1999. ISBN 0-521-65108-5. xi + 295 pp. LCCN QC174.12 .V46 1999. URL <http://www.loc.gov/catdir/description/cam029/99014416.html>; <http://www.loc.gov/catdir/toc/cam021/99014416.html>.

Vermaas:1999:TNG

[Ver99b] Pieter E. Vermaas. Two no-go theorems for modal interpretations of quantum mechanics. *Studies in History and Philosophy of Modern Physics*, 30(3):403–431, September 1999. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000118>.

Vermaas:2002:BRB

[Ver02] Pieter E. Vermaas. Book review: *Technological innovation as an unusual and non-biological evolutionary process*: John Ziman (Ed.) *Technological Innovation as an Evolutionary Process*; Cambridge University Press, Cambridge, 2000, xvii + 379 pp., hardback, ISBN 0-521-62361-8. *Studies in History and Philosophy of Modern Physics*, 33(4):735–739, December 2002. CODEN ????? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000370>. See [Zim00].

Verburgt:2016:PPH

[Ver16] Lukas M. Verburgt. The place of probability in Hilbert's axiomatization of physics, ca. 1900–1928. *Studies in His-*

tory and Philosophy of Modern Physics, 53(?):28–44, February 2016. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815001252>.

vanFraassen:2008:SRP

[vF08] Bas C. van Fraassen. *Scientific representation: paradoxes of perspective*. Clarendon Press, New York, NY, USA, 2008. ISBN 0-19-927822-9 (hardcover). xiv + 408 pp. LCCN Q175 .V3353 2008.

vanFraassen:2009:OIC

[vF09] Bas C. van Fraassen. Objectivity, invariance, and convention: Symmetry in physical science. *Studies in History and Philosophy of Modern Physics*, 40(1):84–87, January 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000622>.

vanHelden:2007:BRM

[vH07] A. van Helden. Book review: M. Biagioli, *Galileo's instruments of credit: Telescopes, images, secrecy* (2006) University of Chicago Press, Chicago, ISBN 0-226-04561-7 (306 pp., index, \$35.00, hardcover). *Studies in History and Philosophy of Modern Physics*, 38(4):986–989, December 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000226>. See [Bia06].

Vickers:2009:WNC

[Vic09] Peter Vickers. Was Newtonian cosmology really inconsistent? *Studies in History and Philosophy of Modern Physics*, 40(3):197–208, August 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000240>.

Vistarini:2017:HST

[Vis17] Tiziana Vistarini. Holographic space and time: Emergent in what sense? *Studies in History and Philosophy of Modern Physics*, 59(?):126–135, August 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816301137>.

vanLith:2001:ETI

- [vL01] Janneke van Lith. Ergodic theory, interpretations of probability and the foundations of statistical mechanics. *Studies in History and Philosophy of Modern Physics*, 32(4):581–594, December 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219801000272>.

vanLith:2003:BRB

- [vL03] J. H. van Lith. Book review: *Probability in Classical Statistical Mechanics*: Y. M. Guttman, The Concept of Probability in Statistical Physics, Cambridge University Press, Cambridge, 1999, xi + 267 pp., £35.00, \$54.95 hardback, ISBN 0-521-62128-3. *Studies in History and Philosophy of Modern Physics*, 34(1):143–150, March 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000400>. See [Gut99].

vanLunteren:2005:BRW

- [vL05] Frans van Lunteren. Book review: Warwick Andrew, *Masters of theory: Cambridge and the rise of mathematical physics* (2003) The University of Chicago Press, Chicago ISBN 0-226-87375-7 (572 pp. + xiv, price US \$29.00, £20.50, paperback). *Studies in History and Philosophy of Modern Physics*, 36(1):191–194, March 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219804000814>. See [War03].

Volchan:2007:PT

- [Vol07] Sérgio B. Volchan. Probability as typicality. *Studies in History and Philosophy of Modern Physics*, 38(4):801–814, December 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000172>.

Votsis:2008:BRB

- [Vot08] Ioannis Votsis. Book review: Y. Ben-Menahem, *Conventionalism* (2006) Cambridge University Press, Cambridge, ISBN 0-521-82619-5, x + 330 pp., US\$80.00, Hardback. *Studies in History and Philosophy of Modern Physics*, 39(1):234–237, January 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000998>. See [BM06].

vanStrien:2013:NCC

- [vS13] Marij van Strien. The Nineteenth Century conflict between mechanism and irreversibility. *Studies in History and Philosophy of Modern Physics*, 44(3):191–205, August 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000440>.

vanStrien:2020:BTQ

- [vS20] Marij van Strien. Bohm’s theory of quantum mechanics and the notion of classicality. *Studies in History and Philosophy of Modern Physics*, 71(??):72–86, August 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219819301716>.

Valente:2014:RC

- [VW14] Giovanni Valente and James Owen Weatherall. Relativistic causality. *Studies in History and Philosophy of Modern Physics*, 48 (part B)(?):101, November 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814001014>.

Walker:1995:CAH

- [Wal95] Mark Walker. Critical assembly: How (but not why) we got the bomb. *Studies in History and Philosophy of Modern Physics*, 26 (1):117–120, April 1995. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521989500004D>.

Wallace:2002:WEI

- [Wal02] David Wallace. Worlds in the Everett interpretation. *Studies in History and Philosophy of Modern Physics*, 33(4):637–661, December 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000321>.

Wallace:2003:ES

- [Wal03a] David Wallace. Everett and structure. *Studies in History and Philosophy of Modern Physics*, 34(1):87–105, March 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S1355219802000850>.

Wallace:2003:ERD

- [Wal03b] David Wallace. Everettian rationality: defending Deutsch's approach to probability in the Everett interpretation. *Studies in History and Philosophy of Modern Physics*, 34(3):415–439, September 2003. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219803000364>.

Wald:2006:ATI

- [Wal06] Robert M. Wald. The arrow of time and the initial conditions of the universe. *Studies in History and Philosophy of Modern Physics*, 37(3):394–398, September 2006. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000396>.

Wallace:2007:QPS

- [Wal07] David Wallace. Quantum probability from subjective likelihood: Improving on Deutsch's proof of the probability rule. *Studies in History and Philosophy of Modern Physics*, 38(2):311–332, June 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000329>.

Wald:2009:BRB

- [Wal09a] Robert M. Wald. Book review: *The Genesis of General Relativity: Sources and Interpretations*, Jürgen Renn (Ed.). Boston Studies in the Philosophy of Science, Vol. 250. Springer (2006). 1152 pp. (649.00 EUR), ISBN-13 978-1-4020-3999-7. *Studies in History and Philosophy of Modern Physics*, 40(2):192–193, May 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000045>. See [JNR⁺07, JRN⁺07, RSS⁺07a, RSS⁺07b].

Wallace:2009:QAS

- [Wal09b] David Wallace. QFT, antimatter, and symmetry. *Studies in History and Philosophy of Modern Physics*, 40(3):209–222, August 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219809000355>.

Wallace:2011:TPP

- [Wal11] David Wallace. Taking particle physics seriously: a critique of the algebraic approach to quantum field theory. *Studies in History and Philosophy of Modern Physics*, 42(2):116–125, May 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000808>.

Walter:2014:PCM

- [Wal14] Scott Walter. Poincaré on clocks in motion. *Studies in History and Philosophy of Modern Physics*, 47(?):131–141, August 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000136>.

Wallace:2015:QCS

- [Wal15] David Wallace. The quantitative content of statistical mechanics. *Studies in History and Philosophy of Modern Physics*, 52 (part B)(?):285–293, November 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000830>.

Wallace:2017:MPN

- [Wal17] David Wallace. More problems for Newtonian cosmology. *Studies in History and Philosophy of Modern Physics*, 57(?):35–40, February 2017. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981630171X>.

Wallace:2018:CBH

- [Wal18] David Wallace. The case for black hole thermodynamics part I: Phenomenological thermodynamics. *Studies in History and Philosophy of Modern Physics*, 64(?):52–67, November 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817301661>.

Wallace:2019:CBH

- [Wal19a] David Wallace. The case for black hole thermodynamics part II: Statistical mechanics. *Studies in History and Philosophy of Modern Physics*, 66(?):103–117, May 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic).

URL <http://www.sciencedirect.com/science/article/pii/S1355219818300972>.

Wallace:2019:WAC

- [Wal19b] David Wallace. Who's afraid of coordinate systems? An essay on representation of spacetime structure. *Studies in History and Philosophy of Modern Physics*, 67(??):125–136, August 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817300965>.

Wan:1997:QTM

- [Wan97] K. Kong Wan. The quantum theory of measurement. *Studies in History and Philosophy of Modern Physics*, 28(4):537–539, December 1997. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219897000191>.

Warwick:1998:MWP

- [War98] Andrew Warwick. A mathematical world on paper: Written examinations in early 19th Century Cambridge. *Studies in History and Philosophy of Modern Physics*, 29(3):295–319, September 1998. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219898000112>.

Warwick:2003:MTC

- [War03] Andrew Warwick. *Masters of theory: Cambridge and the rise of mathematical physics*. University of Chicago Press, Chicago, IL, USA and London, UK, 2003. ISBN 0-226-87374-9 (hardcover), 0-226-87375-7 (paperback). xiv + 572 pp. LCCN QC19.6 .W37 2003. URL <http://www.loc.gov/catdir/bios/uchi051/2002153732.html>; <http://www.loc.gov/catdir/description/uchi051/2002153732.html>; <http://www.loc.gov/catdir/toc/fy037/2002153732.html>.

Ward:2012:MLL

- [War12] Barry Ward. Book reviews: Marc Lange (2009). *Laws and lawmakers: science, metaphysics, and the laws of nature*, (pp. xvi + 257). New York: Oxford University Press. (US\$99.00 HB), ISBN: 978-0-19-532813-4. Roberts, John T. (2007). *The Law-governed universe*, (pp. 407). New York: Oxford University Press. (US\$110.00), ISBN: 978-0-19-955770-7. *Studies in*

History and Philosophy of Modern Physics, 43(2):155–158, May 2012. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000700>. See [Lan09b, Rob08].

Wise:1998:CQC

- [WB98] M. Norton Wise and David C. Brock. The culture of quantum chaos. *Studies in History and Philosophy of Modern Physics*, 29(3):369–389, September 1998. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219898000148>.

Weart:2010:DGC

- [Wea10] Spencer Weart. The development of general circulation models of climate. *Studies in History and Philosophy of Modern Physics*, 41(3):208–217, September 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000407>.

Weatherall:2011:SGP

- [Wea11] James Owen Weatherall. On the status of the geodesic principle in Newtonian and relativistic physics. *Studies in History and Philosophy of Modern Physics*, 42(4):276–281, November 2011. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219811000566>.

Weatherall:2014:ADS

- [Wea14] James Owen Weatherall. Against dogma: On superluminal propagation in classical electromagnetism. *Studies in History and Philosophy of Modern Physics*, 48 (part B)(?):109–123, November 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000896>.

Weatherall:2018:BCM

- [Wea18] James Owen Weatherall. A brief comment on Maxwell(-Newton)[-Huygens] spacetime. *Studies in History and Philosophy of Modern Physics*, 63(?):24–33, August 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817301119>.

Weatherall:2019:CIS

- [Wea19] James Owen Weatherall. Conservation, inertia, and spacetime geometry. *Studies in History and Philosophy of Modern Physics*, 67(??):144–159, August 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817301302>.

Weatherall:2020:SPP

- [Wea20] James Owen Weatherall. Some philosophical prehistory of the (Earman–Norton) hole argument. *Studies in History and Philosophy of Modern Physics*, 70(??):79–87, May 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219820300241>.

Wegener:2008:BRB

- [Weg08] Daan Wegener. Book review: *Einstein: His Life and Universe*, Walter Isaacson. Simon, Schuster (2007). 704 pp., \$32, ISBN-13 978-0-7432-6473-0. *Studies in History and Philosophy of Modern Physics*, 39(4):914–915, November 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000609>. See [Isa07].

Wegener:2010:AEF

- [Weg10] Daan Wegener. De-anthropomorphizing energy and energy conservation: The case of Max Planck and Ernst Mach. *Studies in History and Philosophy of Modern Physics*, 41(2):146–159, May 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000158>.

Weinert:1995:WTR

- [Wei95] Friedel Weinert. Wrong theory — right experiment: The significance of the Stern–Gerlach experiments. *Studies in History and Philosophy of Modern Physics*, 26(1):75–86, April 1995. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521989500002B>.

Weinstein:2009:BRB

- [Wei09] Steven Weinstein. Book review: *The Structural Foundations of Quantum Gravity*, D. Rickles, S. French, J. Saatsi (Eds.).

Clarendon Press, Oxford (2006), 288 pp., ISBN-13 978-0-19-926969-3, Hardback, \$99.00. *Studies in History and Philosophy of Modern Physics*, 40(1):88–89, January 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219808000531>. See [RFS06].

Weinstein:2018:WDE

[Wei18] Galina Weinstein. Why did Einstein reject the November tensor in 1912–1913, only to come back to it in November 1915? *Studies in History and Philosophy of Modern Physics*, 62(?):98–122, May 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817300266>.

Wells:2015:UNH

[Wel15] James D. Wells. The utility of Naturalness, and how its application to Quantum Electrodynamics envisages the Standard Model and Higgs boson. *Studies in History and Philosophy of Modern Physics*, 49(?):102–108, February 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000039>.

Wells:2018:BHT

[Wel18] James D. Wells. Beyond the hypothesis: Theory’s role in the genesis, opposition, and pursuit of the Higgs boson. *Studies in History and Philosophy of Modern Physics*, 62(?):36–44, May 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816301551>.

Werndl:2009:DDI

[Wer09] Charlotte Werndl. Are deterministic descriptions and indeterministic descriptions observationally equivalent? *Studies in History and Philosophy of Modern Physics*, 40(3):232–242, August 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980900032X>.

Werndl:2013:JTM

[Wer13] Charlotte Werndl. Justifying typicality measures of Boltzmannian statistical mechanics and dynamical systems. *Studies in His-*

tory and Philosophy of Modern Physics, 44(4):470–479, November 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813000737>.

Werndl:2015:REB

- [WF15] Charlotte Werndl and Roman Frigg. Reconceptualising equilibrium in Boltzmannian statistical mechanics and characterising its existence. *Studies in History and Philosophy of Modern Physics*, 49(??):19–31, February 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814001233>.

Werndl:2020:WDG

- [WF20] Charlotte Werndl and Roman Frigg. When do Gibbsian phase averages and Boltzmannian equilibrium values agree? *Studies in History and Philosophy of Modern Physics*, 72(??):46–69, November 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219820300903>.

Winsberg:2016:ACS

- [WG16] Eric Winsberg and William Mark Goodwin. The adventures of climate science in the sweet land of idle arguments. *Studies in History and Philosophy of Modern Physics*, 54(??):9–17, May 2016. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219816000046>.

Whitaker:2001:FR

- [Whi01] Andrew Whitaker. The fabric of reality. *Studies in History and Philosophy of Modern Physics*, 32(1):137–141, March 2001. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980000320>.

Wilholt:2008:WRM

- [Wil08] Torsten Wilholt. When realism made a difference: The constitution of matter and its conceptual enigmas in late 19th Century physics. *Studies in History and Philosophy of Modern Physics*, 39(1):1–16, January 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219807000470>.

Williams:2015:NAS

- [Wil15] Porter Williams. Naturalness, the autonomy of scales, and the 125 GeV Higgs. *Studies in History and Philosophy of Modern Physics*, 51(??):82–96, August 2015. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000416>.

Wilhelm:2019:CCN

- [Wil19] Isaac Wilhelm. Celestial chaos: the new logics of theory-testing in orbital dynamics. *Studies in History and Philosophy of Modern Physics*, 65(??):97–102, February 2019. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219818300911>.

Winsberg:2008:LCS

- [Win08] Eric Winsberg. Laws and chances in statistical mechanics. *Studies in History and Philosophy of Modern Physics*, 39(4):872–888, November 2008. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980800035X>.

Waegell:2020:RBT

- [WM20] Mordecai Waegell and Kelvin J. McQueen. Reformulating Bell’s theorem: the search for a truly local quantum theory. *Studies in History and Philosophy of Modern Physics*, 70(??):39–50, May 2020. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219819302175>.

Wolff:2014:HOP

- [Wol14] Johanna Wolff. Heisenberg’s observability principle. *Studies in History and Philosophy of Modern Physics*, 45(??):19–26, February 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981300107X>.

Wronski:2009:MBS

- [WP09] Leszek Wroński and Tomasz Placek. On Minkowskian branching structures. *Studies in History and Philosophy of Modern Physics*, 40(3):251–258, August 2009. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521980900029X>.

Wuthrich:2005:BRK

- [Wüt05] Christian Wüthrich. Book review: Katherine Brading and Elena Castellani (Eds.), *Symmetries in Physics: Philosophical Reflections*, Cambridge University Press, Cambridge, ISBN 0-521-82137-1, 2003, (pp. xii + 445, £65, US\$100, hardback). *Studies in History and Philosophy of Modern Physics*, 36(3):576–582, September 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000407>. See [BC03].

Wuthrich:2007:BRB

- [Wüt07] Adrian Wüthrich. Book review: *Drawing Theories Apart: The Dispersion of Feynman Diagrams in Postwar Physics*. David Kaiser. University of Chicago Press, Chicago (2005) (xix + 469 pp., \$30.00, Paperback, ISBN 0-226-42266-6). *Studies in History and Philosophy of Modern Physics*, 38(3):586–589, September 2007. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219806000980>. See [Kai05].

Yong:2010:FOE

- [Yon10] Tung Ten Yong. Failure of ontological excess baggage as a criterion of the ontic approaches to quantum theory. *Studies in History and Philosophy of Modern Physics*, 41(4):318–321, November 2010. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219810000249>.

Zabell:2000:RMP

- [Zab00] S. L. Zabell. The rise of modern probability theory. *Studies in History and Philosophy of Modern Physics*, 31(1):109–116, March 2000. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219899000295>.

Zahar:1997:PPG

- [Zah97] E. G. Zahar. Poincaré's philosophy of geometry, or does geometric conventionalism deserve its name? *Studies in History and Philosophy of Modern Physics*, 28(2):183–218, June 1997. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219896000275>.

Ziman:2000:TIE

- [Zim00] J. M. (John M.) Ziman, editor. *Technological innovation as an evolutionary process*. Cambridge University Press, Cambridge, UK, 2000. ISBN 0-521-62361-8. xvii + 379 pp. LCCN T173.8 .T363 2000. URL <http://www.loc.gov/catdir/description/cam029/99015474.html>; <http://www.loc.gov/catdir/samples/cam032/99015474.html>; <http://www.loc.gov/catdir/toc/cam021/99015474.html>.

Zinkernagel:2002:CPU

- [Zin02] H. Zinkernagel. Cosmology, particles, and the unity of science. *Studies in History and Philosophy of Modern Physics*, 33(3):493–516, September 2002. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219802000187>.

Zinkernagel:2014:PAM

- [Zin14] Henrik Zinkernagel. Philosophical aspects of modern cosmology. *Studies in History and Philosophy of Modern Physics*, 46((Part A)):1–4, May 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219813001081>.

Zinkernagel:2016:NBW

- [Zin16] Henrik Zinkernagel. Niels Bohr on the wave function and the classical/quantum divide. *Studies in History and Philosophy of Modern Physics*, 53(??):9–19, February 2016. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219815000969>.

Zuchowski:2013:EC

- [Zuc13] Lena Zuchowski. For electrodynamic consistency. *Studies in History and Philosophy of Modern Physics*, 44(2):135–142, May 2013. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S135521981300018X>.

Zuchowski:2014:GSP

- [Zuc14] Lena Christine Zuchowski. Gestalt switches in Poincaré’s prize paper: an inspiration for, but not an instance of, chaos. *Studies in History and Philosophy of Modern Physics*, 47(??):1–14, August 2014. CODEN ???? ISSN 1355-2198 (print), 1879-2502

(electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219814000239>.

Zuchowski:2018:CCB

- [Zuc18] L. C. Zuchowski. Complexity as a contrast between dynamics and phenomenology. *Studies in History and Philosophy of Modern Physics*, 63(?):74–85, August 2018. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219817300497>.

Zukowski:2005:PBB

- [Zuk05] Marek Zukowski. On the paradoxical book of bell. *Studies in History and Philosophy of Modern Physics*, 36(3):566–575, September 2005. CODEN ???? ISSN 1355-2198 (print), 1879-2502 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S1355219805000444>.