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## Title word cross-reference

$k$ [PPCE22]. $p$ [BDMP12]. $Q$ [ZLHC21].

***** [KGL21].

**-Coverage** [PPCE22]. **-persistent** [BDMP12]. **-values** [ZLHC21].

**2012** [Edi14]. **2013** [PH15]. **2014** [BE16]. **2015** [SI17]. **2016** [CPS17]. **2020** [TWS20]. **2021** [PK23]. **2022** [SCM24].

**3PC** [HSM+12].

**802.15.4** [BRDA16].

**Access** [VMG14, KM08]. **Accesses** [WVT+17]. **Accurate** [JH13]. **Achieving** [HL13]. **ACM** [FMVC14]. **acquisition** [FFJ+12]. **ACSOS** [TWS20, PK23]. **Action** [BSK20, Gab11, RW20, TSLF23]. **Activity** [CLRC21]. **Actuation** [MM17]. **actuator** [MPBMP+10]. **Ad** [CW11, MR11, SZB19, PRJ11, SLJS08]. **Adaptare** [DCL+12]. **Adaptation** [AMG18, BVPD17, Buc19, CMGS16, CLSS+13, EYCM16, FMVC14, GGPTRC16, GW24, HBMA21, KKK+16, LHKK23, MCGS18, RMKM17, WGQV22, WGA+23, ZNU21, DCL+12, KGJ12, PSB+12, RTH19, ZP12, TSLF23]. **Adaptations** [PBW+20]. **adaptative** [HKR08]. **Adapting** [HAMR13, RTN+17]. **Adaptive** [AA16, APSM18, ARS17, Bak11, BSS+14,

BUL+18, BWW+17, BRDA16, BCC+23, CHC16, CY07, CLRC21, DBDF19, FMA+17, GW24, GEB+21, HSL+07, DW15, IJDZ16, KCH14, LZ13, LVP15, LEC+15, LCT+18, LXX+14, MVV14, ONC17, PPCE22, SMK21, SGP13, ST13, SHRB13, SQX+07, SPB24, SKA20, VMG14, VG14, WCW+17, XLXZ14, ZHSP20, ZSLG16, AGLV10, BDMP12, BN12, FRL09, GPTW13, GWQ21, HSM+12, HWA+20, KGJ08, LPZZ09, MIRG06, PDCE11, ST09, SWM19, WXZ10, WMA12, WGQV22, XVYH11, YTW08, ZS09]. **Adaptiveness** [PSPR15]. **Adaptivity** [LNS24, SMSÇ+10]. **Added** [AMS+19]. **Adding** [CEK14]. **Admission** [GSD08]. **Advantage** [BMS11]. **Aerial** [CHCZ+24]. **affect** [KIW06]. **against** [DXP14, KD07, LXX+14]. **Agent** [AA16, ADV16, BRII21, CLSS+13, CW14, EGSM21, GR08, LCQB19, LV07, MDC17, PPB17, WCW+17, DDH23, FRL09, GCC06, HKR08, KGJ12, MALS22, Pos07, WHH+10b, WHH10a, ZLHC21]. **Agent-based** [EGSM21, GCC06]. **AgentLink** [POPM07]. **Agents** [BEE+20, Buc19, DBDF19, FCD+18, RH16, SZB19, SZY+20, JI07, MIRG06, PPSM07]. **Aggregates** [FHDD23]. **Agile** [USC+08]. **Agilla** [FRL09]. **Ahead** [ZLS22]. **AI** [LHAES23]. **AID** [ZS09]. **Airborne** [BUL+18]. **Algorithm** [BMPB23, BRDA16, RPG+15, SBMM17, APA12, MHZ13, SLJS08]. **Algorithmic** [WV18]. **Algorithms** [BSS+14, CFGM16, DP16, FMSA11, Gab11, SCC17, BN12, DKMD11, FMS08, KGJ08, PB13, WDTS11]. **Allocation** [ASS+15, AH21, BRII21, JZL15, KPO19, ZCS12]. **Ambient** [CLRC21, AGLV10, DHC10, Her10, LV10]. **A}nalysis** [BCF+08, ALKG22, GGPTRC16, KTK+16, SGP13, SBMM17, Lit07]. **Analytics** [LF19]. **Analyzing** [CMGS16, WNV12a]. **Android** [RMM19]. **Anomaly** [IJDZ16, ZS09]. **Anonymity** [BR11]. **Anonymous** [DK12, MT09]. **Ant** [SLJS08, LDD06, PB13]. **Ant-based** [SLJS08]. **Anticipatory** [ZHSP20]. **Anycast** [CW11]. **Application** [GCC06, LR12, PSB+12]. **Applications** [BDLM11, FBL18, GB14, HBDD14, LCT+18, LDC+18, MS15, MVV14, SHRB13, ZSLG16, AGLV10, CSLZ10, LS09, USC+08]. **Applying** [GWQ21]. **Approach** [CMRZ15, CLW+14, DLPT14, EK21, Gab11, JAJ+18, LC21, MVV14, Men16, PPCE22, SWM19, SZB19, VMG14, VGR+15, WVT+17, AVC09, GPTW13, GYSD08, GR10, LV07, PSB+12, PSFC12, XVYH11]. **approaches** [KGJ12]. **approximation** [PB13]. **Apps** [RMM19]. **Arbitrary** [MG11]. **Architecture** [FDMD15, HKR08]. **Architectures** [GGV20]. **Area** [HBDD14]. **Argumentation** [SDOP20]. **Argumentation-Based** [SDOP20]. **Array** [PSPR15]. **Arrays** [HMF+15]. **Articles** [FMVC14]. **Artificial** [CHC16]. **Assembly** [FP17, GR10, TGT+06]. **Assignment** [RW20]. **association** [DHC10]. **Assured** [ZNU21]. **Asynchrony** [BR11]. **AT-DIFC** [SKA20]. **Attacks** [BSS+14]. **Attributed** [HEC+16]. **Auction** [TVKB16, ZCS12]. **Augmented** [IJDZ16]. **Authentication** [BCC+23]. **Auto** [DRPQ14, LDC+18]. **Auto-Profiling** [LDC+18]. **AutoHome** [BDLM11]. **Automated** [FE12, KIW06, MLsRA+15, DDH23]. **Automatic** [SC19, CLHX12, DCL+12]. **automatically** [YTW08]. **Automaton** [MG11]. **Autonomic** [AOK11, BBC+11, BDLM11, DXP14, DLPT14, DC12, IA18, LZ13, LF19, MHP+12, TWS20, AVC09, DDF+06, KM08, LS09, Lit07, XVYH11]. **Autonomous** [BCC+17, BWW+17, DAHS21, FYC+24, FCD+18, Gab11, MPBMP+10, SMHP15, WNV12a, WNV12b]. **AutoPlacer** [PRRR15]. **Availability** [CLRC21, RDKB15, LLL12]. **Aware** [CMGS16, FCD+18, MCGS18, SKA20,

DZJ+21, DBA+21, FS09, GSD08, LHKK23, PBW+20, RTH19]. **Awareness** [LV07, ESBT19, PRJ11]. **Axiomatization** [PSA12].

**backend** [SA06]. **Balancing** [JZL15, AHM09, GYP12]. **base** [LR12]. **Based** [AA16, BBDB15, CLW+14, CMP13, IA18, KKK+18b, LZ13, MS15, MM17, MDC17, MBB11, SDOP20, DRVF14, AWEB22, AVC09, BMPB23, BDMP12, CSLZ10, DDH23, DHC10, EGSM21, FS09, GR08, GCC06, GW24, HLLL21, LLL12, MZ07, MIRG06, MOP21, PBW+20, PDCE11, SLJS08, WS10, XLX12, FB15]. **Batching** [CGJZ15]. **Bayesian** [Mam11]. **Behavior** [DBDF19, FPC23, KTK+16, PDCE11, RTH19, LDD06]. **Behavior-based** [PDCE11]. **Behaviors** [BBC+11, DW15]. **Behavioural** [BEE+20]. **Best** [BE16, CPS17, Edi14, FMVC14, PH15, SI17, VDK16]. **Bike** [CPZZ20]. **Bike-sharing** [CPZZ20]. **Bilateral** [CW14]. **Billing** [RB17]. **Binary** [GMMB15]. **Bio** [GMM12, FMS08]. **Bio-Inspired** [GMM12, FMS08]. **biology** [BCD+06]. **Bionic** [DXP14]. **Bird** [MR11]. **Birth** [KD16]. **Birth-Death** [KD16]. **BitTorrent** [LXX+14]. **BizOps** [FBL18]. **block** [GYSD08]. **bootstrapping** [MT09]. **boundary** [GJM12]. **bounding** [SLJS08]. **BPMN** [SC19]. **Budget** [RB17, ZLHC21]. **Budget-Driven** [RB17]. **Build** [LNS24, RH16]. **built** [ZS09].

**CAAC** [VMG14]. **Cache** [LCT+18]. **call** [PDCE11]. **Camera** [LEC+15, MM17]. **Cameras** [DAHS21]. **Can** [BEE+20]. **Capacity** [WUK+18]. **Capital** [PPB17]. **Case** [Buc19, GMM12]. **Causal** [FHDD23, PRJ11]. **Cellular** [MG11]. **Centralized** [ZCS12]. **Centric** [GGPTRC16, LVP15, MCPB20]. **Certification** [ST13]. **Challenges** [PSA12, ST09]. **Changing** [KKK+16, FFJ+12]. **characterization** [GL08]. **Characterizing** [RTN+17]. **Checking** [BBDB15, HSL+07]. **checkpoints** [CY07]. **Chemical** [VCMZ11]. **Chemical-Inspired** [VCMZ11]. **Choosing** [LLL12]. **Chowkidar** [BLK+09]. **churn** [LMSM12]. **churn-resilient** [LMSM12]. **Circle** [DLIP08]. **class** [KGJ08]. **Classification** [JH13, KIW06]. **Cloud** [AWEB22, FBL18, GB14, LCQB19, SMK21, TVKB16, WVT+17, WUK+18, ZLS22, ZSLG16]. **Cloud-based** [AWEB22]. **Clouds** [GS18, LHAES23, RB17]. **Cluster** [LHAES23]. **Clustering** [BMPB23, dASH16, GR08, QPGS12, ZCS12]. **Clusters** [LWQL16, dASH16, SA06]. **Cluttered** [KLWS16]. **Coalition** [PBARA14, SZY+20]. **coevolution** [WNV12b]. **Cognitive** [CMP13, MPC+15]. **Collaborative** [RH16, LV07]. **Collection** [DZJ+21]. **Collective** [Buc19, CHC16, HSC+18, KKK+18b, PPCE22, PPA18, SS12]. **collectives** [FSW+10]. **Collisionless** [SBMM17]. **Combining** [CPZZ20]. **Common** [PBM14]. **Common-Pool** [PBM14]. **Communication** [XZL11, BDMP12, FSW+10]. **communications** [DDF+06]. **Community** [HWA+20]. **Compact** [MLsRA+15]. **Comparison** [MHP+12]. **compasses** [SDY09]. **Complex** [BCC+17, HEC+16, ONC17, JI07]. **Complexity** [BEK09, CEK14]. **Component** [EYCM16]. **Composition** [AOK11, Bak11, DBA+21, HS11, MBB11, SHRB13, WCW+17, FS09]. **Comprehensive** [BHQT24]. **Computational** [Gab11, VA11]. **Computer** [Mam11, DK12]. **Computing** [Bak11, BMS11, MHP+12, MKS21, PSPR15, TWS20, BCD+06, BCC+12, HSM+12, KGJ08, Lit07, SMSÇ+10, TMC+11, WBSI10]. **Concepts** [PSA12]. **Conceptual** [CGPP12].

**Concurrency** [LF19]. **Conditional** [ST13]. **Conference** [TWS20]. **conflicts** [DNT09]. **Connection** [RMKM17]. **Connectivity** [KRM16]. **Consensus** [BR11, GMMB15]. **conserving** [SLJS08]. **Considerations** [GS18]. **Consistency** [RTN+17]. **consistent** [SDY09]. **Constant** [JB11]. **constrained** [BMPB23, SLJS08]. **Constraint** [ZLHC21, MHZ13]. **constraints** [CY07]. **Construction** [BWO17, War19]. **Consumption** [FCD+18]. **Containerized** [SMK21]. **Containment** [CLW+14]. **content** [SA06]. **Context** [BCC+23, FS09, WHH+10b, WHH10a]. **context-aware** [FS09]. **context-driven** [WHH+10b, WHH10a]. **Contingent** [MKS21]. **Continuous** [CW14, FP17, GEB+21]. **Continuous-Time** [CW14]. **Control** [ALKG22, APSM18, ARS17, BDMP12, DAHS21, EK21, FMA+17, FDMD15, HWH+17, KLWS16, KKK+18a, KKK+18b, LZ13, LF19, LDL16, MVV14, RMKM17, SWM19, SKA20, VMG14, WUK+18, XLXZ14, GYSD08, KM08, LR12, LND12, WCD+09]. **Control-based** [BDMP12]. **Control-theoretic** [SWM19]. **Controllers** [SMK21, SCC17]. **Controlling** [BWO17, EK21, KTK+16, KKK+16, KKK+18a, RMM19]. **Convention** [HLLL21, VSMS13]. **Convergence** [FE12, KB12, PB13, ZSA09]. **Cooperation** [ACW10, PBARA14, TGT+06]. **Cooperative** [ASS+15, HLM15, MVV14, TMC+11]. **Coordination** [FMVC14, HLM15, VCMZ11, MPBMP+10]. **correction** [CLHX12]. **correctness** [HSL+07]. **Cost** [BEE+20, BWW+17, GS18, KKK+16]. **Coupled** [LCT+18, KB12]. **Coverage** [LDL16, PPCE22, GJM12]. **Crash** [BR11]. **Creating** [MSA09]. **cross** [CSLZ10, PSB+12]. **cross-entropy** [CSLZ10]. **cross-layer** [PSB+12]. **Crossing** [HWH+17]. **Crowdsourcing** [JAJ+18, MPC+15]. **Cyber** [CMS23, LVP15, SJN18]. **Cyber-Physical** [LVP15, CMS23].

**Data** [CMP13, DRPQ14, LVP15, LF19, LCT+18, Men16, MCPB20, PRRR15, RDKB15, dASH16, ZSA09]. **Data-Analytics** [LF19]. **Data-Centric** [LVP15]. **data-driven** [ZSA09]. **Database** [GS18]. **databases** [SA06]. **Deadline** [ZCVL13]. **Deadline-Driven** [ZCVL13]. **Dealing** [GW24]. **Death** [KD16]. **Decentralised** [ONC17, PPCE22]. **Decentralized** [AOK11, ARS17, KGJ12, KB15, LND12, PPA18, RDKB15, SKA20, QPGS12]. **Decision** [AA16, KKK+18b, MHP+12, MCGS18, SS12]. **Decision-Making** [KKK+18b, MHP+12, MCGS18]. **Deep** [TSLF23, WGQV22]. **deeper** [XLX12]. **Defending** [LXX+14]. **Defense** [DXP14, KD07]. **Defined** [HWH+17, LNS24]. **Defining** [FP17]. **Degree** [JB11]. **Delay** [LZ13, SLJS08]. **Demand** [BW19, GEB+21]. **Demonstration** [BWO17]. **dependable** [DCL+12]. **Dependencies** [EYCM16]. **dependency** [PRJ11]. **dependent** [MHZ13]. **Deployed** [ZSLG16]. **Deployment** [SZB19, WDTS11]. **Description** [Dua11]. **Design** [ARS17, BCD+06, BBDB15, CHC16, CW11, CMP13, FE12, GDA10, DW15, QPGS12, PPSM07]. **Designing** [LR12, WV18, War19, YHT16, ZSLG16]. **Despite** [BR11]. **Detecting** [DGL+11]. **Detection** [CLW+14, IJDZ16, ONC17, SQX+07, YTW08, ZS09]. **detectors** [ZS09]. **Develop** [BSK20]. **Device** [BVPD17, DY08]. **Devices** [BSK20, Das12]. **DevOps** [FBL18]. **DIFC** [SKA20].

**different** [APA12]. **differential** [APA12, CEA08]. **dimensional** [WCD+09]. **Disaster** [SZB19]. **Discovery** [Bak11, CW11, Dua11, FGB11, DHC10]. **Discrete** [SMHP15]. **Dispersion** [Bea15]. **disruption** [XWN09]. **disruption-tolerant** [XWN09]. **Dissemination** [CMP13, MCPB20]. **dissolution** [VSMS13]. **Distributed** [BMPB23, BMS11, DGL+11, FB15, FSW+10, GMMB15, HMF+15, KLWS16, LVP15, LEC+15, MM17, MVV14, Men16, PRRR15, RPG+15, RTN+17, SHRB13, SMHP15, WVT+17, War19, BCD+06, Dat08, Dat09, HSL+07, LMSM12, LR12, RYC+07, SLJS08, WMA12, ZCS12]. **Distribution** [BVPD17, GB14]. **Distributive** [PBM14]. **Disturbances** [GMMB15]. **Diverse** [AH21, LDL16]. **Diversification** [AWEB22]. **Diversity** [LC21]. **Diversity-driven** [LC21]. **Division** [LDD06]. **Domains** [CW14]. **downloading** [DHJ08]. **Drift** [GW24]. **Driven** [BSS+14, BBDB15, GGV20, RB17, VG14, ZCVL13, BW09, LC21, LHAES23, MIRG06, PSB+12, WHH+10b, WHH10a, ZSA09]. **drivers** [DY08]. **Dumb** [KRM16]. **DVFS** [CGJZ15]. **Dynamic** [AWEB22, BEE+20, CPZZ20, DBDF19, DBA+21, GGV20, HBMA21, LEC+15, MBB11, PBARA14, SC19, TSLF23, CY07, DCL+12, FS09, SA06, USC+08, WHH+10b, WHH10a]. **dynamically** [FFJ+12]. **Dynamics** [XLXZ14, JI07, WNV12a].

**e-Sampling** [BWW+17]. **Economic** [FBL18, PSA12]. **Economies** [PPA18]. **Ecosystems** [CMRZ15]. **Edge** [BHQT24, LHAES23]. **Editorial** [LV10, Nus18, PZ11, PZ13, PZ18, VP09, WBSI10]. **Effective** [VA11, WUK+18, WGQV22]. **Efficiency** [CGJZ15, Das12]. **Efficient** [CFGM16, DAHS21, GYP12, HSC+18, HLLL21, MCGS18, WGQV22, WXZ10]. **Eigenspace** [SQX+07]. **Elastic** [DRPQ14, Men16]. **Elasticity** [GS18]. **Electronic** [PPB17]. **Embedded** [BSK20, JH13, RYC+07]. **Emergence** [HSC+18, HLLL21, MALS22, ONC17, VSMS13]. **Emergencies** [VMG14]. **Emergent** [FP17, KTK+16]. **Empowered** [FSW+10]. **enabled** [LC21, LCQB19]. **enabling** [CDV09]. **encoding** [MS12]. **Energy** [CGJZ15, LWQL16, SLJS08]. **Enforcement** [RMM19]. **Enforcing** [CMS23]. **Engineering** [APSM18, CMRZ15, DDH23, ESBT19, VG14, PSFC12]. **Enhancing** [PRB16]. **Enki** [LC21]. **Ensembles** [Buc19]. **enterprise** [MSA09]. **Entities** [AOK11]. **entropy** [CSLZ10]. **Entry** [MAFS+18]. **Environment** [CHCZ+24, Gab11, PBW+20]. **Environments** [BEE+20, BCC+17, DZJ+21, KLWS16, KKK+16, MDC17, SHRB13, SZB19, VA11, ZSLG16, DCL+12, DHC10, FFJ+12, GPTW13, GDA10, Her10, LV07, MIRG06, TMC+11]. **Epidemic** [XLXZ14, XLX12]. **Equilibrium** [CMS23, CEA08]. **erasure** [MS12]. **erasure-resilient** [MS12]. **Establishment** [SZB19]. **Estimation** [GEB+21, ZSA09]. **EUREMA** [VG14]. **Evaluation** [CMP13, HBMA21, MCPB20, DC12, GDA10, QPGS12]. **Event** [BWW+17, HEC+16, JH13, SMHP15, PRJ11]. **Event-Sensitive** [BWW+17]. **eventually** [SDY09]. **Evidence** [MOP21, WS10]. **Evidence-based** [WS10]. **E}volution** [BCF+08, SCC17, APA12, TMC+11]. **evolutionary** [WDTS11]. **evolvable** [LS09]. **Evolved** [HWH+17]. **Evolving** [BEE+20, MHZ13]. **exchange** [Das12]. **Exchanging** [LCT+18]. **Execution** [PRB16]. **Executions** [SJN18]. **exercise** [CDGT08]. **Experience** [BBC+11]. **Experiments** [PSA12]. **Explanation** [ALKG22]. **Explicit** [WUK+18]. **Exploiting** [AHM09, HBDD14]. **Expression** [KIW06]. **Extended**

[CPS17, PH15, VDK16]. **Extending** [PPSM07]. **Extracting** [VHK+17]. **Extraction** [SC19].

**Facial** [KIW06]. **Factorization** [FG15]. **factors** [WNET07]. **fair** [Das12]. **Farewell** [PZ18]. **Fast** [CLW+14, DP16, JH13, KKK+16]. **Fast-Spreading** [CLW+14]. **Fault** [AD09, FG15, RYC+07, WCD+09]. **fault-tolerant** [WCD+09]. **faults** [CLHX12]. **Feature** [BWO17]. **featuring** [FMS08]. **Feedback** [RW20]. **Field** [SPB24]. **File** [LCT+18]. **Filters** [KCH14]. **Finding** [SZY+20]. **Fine** [RB17]. **Fine-Grained** [RB17]. **firewall** [CLHX12]. **First** [CLHX12, Nus18]. **Fishing** [DXP14]. **Flexible** [AH21, MCGS18, CGPP12, MS12]. **Flight** [MR11]. **Flight-Inspired** [MR11]. **Floating** [PSPR15]. **Floating-Point** [PSPR15]. **Flow** [MAFS+18, SKA20]. **Flows** [IJDZ16]. **Foraging** [DZJ+21, LDD06]. **Foreword** [PK23, SCM24]. **Formal** [ARS17, CD11, DLPT14, DW15, BCC+12, WMA12]. **formalized** [PSB+12]. **Formally** [ZLS22]. **Formation** [BRII21, KLWS16, PBARA14, DLIP08, GJM12]. **formations** [GLMN09]. **FORMS** [WMA12]. **forums** [POPM07]. **Fostering** [PBARA14]. **fragments** [PSFC12]. **Framework** [AH21, BHQT24, BDLM11, CPZZ20, DDH23, FGB11, GEB+21, MS15, PTW07, ZLHC21, AVC09, GJM12, LS09, WXZ10]. **free** [SA12]. **Functions** [BHQT24]. **fundamental** [CDV09]. **Fuzzy** [LZ13, AGLV10].

**Gabriel** [MG11]. **Game** [Men16, RDKB15, YHT16, AVC09]. **Game-Theoretic** [Men16, RDKB15]. **Games** [CMGS16, AL09, CEA08]. **Gap** [HWH+17]. **gather** [SDY09]. **Gathering** [SBMM17]. **geared** [WS10]. **general** [GL08]. **generation** [GR10]. **Generic** [FDMD15, DNT09]. **Genetic** [DDH23, LNS24]. **Geo** [GS18]. **Geo-Elasticity** [GS18]. **Geometric** [BMS11]. **Gesture** [HMF+15]. **Gist** [HLLL21]. **GLDAP** [TSLF23]. **Global** [TSLF23]. **Goal** [SZY+20]. **Goals** [CV19, SC19, SDOP20]. **Gossiping** [DP16]. **Grained** [RB17]. **Granularity** [HBMA21]. **Graph** [HEC+16, KTK+16, RPG+15, DKMD11]. **Graphs** [DBDF19, MG11, MKS21]. **GraphStep** [DKMD11]. **grid** [CY07, FMS08]. **Grids** [DRPQ14, Dua11, MG11, GYSD08]. **G}roup** [BCF+08, ADV16, LDD06]. **Groups** [AMS+19]. **Growth** [HWH+17]. **Guarantee** [LZ13]. **Guarantees** [SWM19].

**HAMLET** [EGSM21]. **Handle** [SWM19]. **hardware** [DKMD11]. **hash** [LMSM12]. **hash-tables** [LMSM12]. **Hazardous** [DZJ+21]. **Healing** [GGV20, MS15]. **health** [BLK+09]. **Help** [BEE+20]. **Heterogeneity** [LEC+15, WNV12a]. **Heterogeneous** [EK21, FGB11, FDMD15, SHRB13, GDA10]. **Heuristic** [HSC+18, WDTS11]. **heuristic/evolutionary** [WDTS11]. **Heuristics** [CMP13]. **Hierarchical** [EGSM21, KKK+18a, HSL+07]. **High** [Dua11, PPSM07]. **High-Performance** [Dua11]. **Hoc** [CW11, MR11, SZB19, PRJ11, SLJS08]. **Holonic** [FDMD15, HKR08]. **Home** [BDLM11]. **Host** [CLW+14, SS12]. **Host-Based** [CLW+14]. **Human** [CHCZ+24, FPC23, MCPB20, RW20]. **Human-centric** [MCPB20]. **Human-machine** [CHCZ+24]. **Hybrid** [EK21, WDTS11]. **Hyper** [SCC17]. **Hyper-Learning** [SCC17]. **hypernetwork** [JI07].

**IaaS** [RB17]. **IEEE** [TS07]. **III** [POPM07]. **Imitation** [RH16]. **immunologically**

[LS09]. **immunologically-inspired** [LS09]. **Immunology** [CHC16]. **Impairment** [RMKM17]. **Implementation** [CHC16, CW11, DKMD11, KM08]. **implementations** [BW09]. **Improve** [MVV14]. **Improvement** [CGJZ15, APA12]. **Improving** [APA12, FHDD23, GGV20, LF19, AHM09]. **In-Memory** [DRPQ14]. **incentive** [WNV12a]. **Incentives** [CPZZ20]. **Including** [AH21]. **Increase** [RDKB15]. **incremental** [GPTW13]. **indulgence** [GL08]. **Industrial** [ALKG22]. **Industry** [WGA+23]. **Inferring** [EYCM16]. **Influence** [RTH19]. **Influence-aware** [RTH19]. **Information** [KGL21, KKK+18b, SKA20]. **Informed** [KB15]. **infrared** [KIW06]. **infrastructure** [SA12]. **Infrastructureless** [FMSA11]. **Infrastructures** [VMG14]. **Inherently** [MDC17]. **inhibitory** [KB12]. **inhibitory-coupled** [KB12]. **Initial** [KB15]. **Innovative** [SZB19]. **insights** [XLX12]. **Inspired** [GMM12, MR11, VCMZ11, XZL11, FMS08, GR10, KGJ08, LDD06, LS09]. **Instances** [PRB16]. **Institutions** [PSA12]. **Integrals** [KD16]. **Integrating** [WCW+17]. **Intelligence** [CLRC21, AGLV10, DHC10, Her10, LV10]. **Intelligent** [CW14, DHC10]. **Intensity** [VHK+17]. **Interaction** [EYCM16, MZ07, Pos07]. **Interactions** [HLLL21, RMM19]. **Interactive** [KM08, RW20]. **Interdomain** [VGR+15]. **Interface** [BW19]. **International** [TWS20]. **Internet** [BVPD17, CGJZ15, USC+08]. **Interoperable** [AGLV10, FGB11]. **interpretation** [KIW06]. **Interventions** [FHDD23]. **Introduction** [BCC+12, BE16, BN12, Dat08, Dat09, Edi14, LPZZ09, POPM07, SI17, Ser06, TWS20, TS07, ZP12]. **Intrusion** [IA18, SQX+07, YTW08, ZS09]. **invariant** [HSL+07]. **ION** [PBW+20]. **IoP** [MCPB20]. **IoT** [AWEB22]. **Isolation** [MSA09]. **Issue** [Bak11, PK23, SCM24, TWS20, Dat08, Dat09, LPZZ09, LV10, POPM07, TS07, VP09, WBSI10].

**JADE** [BBC+11]. **jointly** [SLJS08]. **Just** [BRDA16]. **Just-in-Time** [BRDA16]. **Justice** [PBM14].

**Kalman** [KCH14]. **Key** [PRRR15, RTN+17, WNV12a]. **Key-Value** [PRRR15]. **keying** [EGK08]. **Knob** [WUK+18]. **Knowledge** [KPO19, FFJ+12, MT09, MIRG06]. **knowledge-driven** [MIRG06].

**labor** [LDD06]. **Laboratory** [BCF+08]. **Landscape** [ST09]. **Language** [DLPT14, SGP13]. **Language-Level** [SGP13]. **Large** [GGV20, KKK+16, KKK+18a, MCPB20, RPG+15, WGQV22, AD09, WCD+09]. **Large-Scale** [KKK+16, KKK+18a, RPG+15, MCPB20, AD09, WCD+09]. **Largest** [SZY+20]. **Latency** [CMGS16, MCGS18, RTN+17]. **Latency-Aware** [CMGS16, MCGS18]. **layer** [PSB+12]. **Lean** [JH13]. **Learning** [BSK20, EGSM21, FHDD23, FP17, GPTW13, GF19, GWQ21, GW24, HL13, HLM15, HSC+18, HLLL21, KB15, LC21, LCQB19, MDC17, MAFS+18, PPA18, RW20, RTH19, SCC17, TSLF23, VGR+15, WCW+17, WGQV22, ZLHC21, XWN09]. **Learning-based** [GW24]. **Learning-enabled** [LC21]. **less** [SDY09]. **Level** [SGP13]. **Libraries** [RMM19]. **Lifelong** [GW24]. **Light** [CDV09]. **Lightweight** [FE12, KKK+16]. **like** [CSLZ10]. **limited** [SDY09]. **Link** [VGR+15, ZSA09]. **Literature** [ESBT19, GWQ21]. **Load** [GB14, JZL15, VHK+17, AHM09, GYP12]. **Local** [LCT+18]. **Localization** [MOP21, GCC06]. **localizations** [RYC+07].

**Locally** [DGL+11]. **location** [AHM09]. **Logarithmic** [EGK08]. **Logistic** [DBDF19]. **Look** [ZLS22]. **Loosening** [EK21]. **Low** [BWW+17]. **Low-Cost** [BWW+17].

**M** [ZS09]. **M-AID** [ZS09]. **Machine** [EGSM21, GWQ21, XWN09, CHCZ+24]. **MACODO** [WHH+10b, WHH10a]. **Macro** [Mam11, BMZ12]. **Maintenance** [SDOP20, War19]. **Making** [AA16, BW19, KKK+18b, MHP+12, MCGS18]. **Malware** [DXP14]. **managed** [PPA18]. **Management** [BDLM11, BW19, HEC+16, KPO19, LHAES23, MM17, MAFS+18, PBM14, ZLS22]. **Management-Based** [MM17]. **Managing** [BHQT24, KGL21, LWQL16]. **MANET** [BDS07]. **MANETs** [XWN09]. **Many** [MG11]. **Map** [ZHSP20]. **MAPE** [CHCZ+24, DW15]. **MAPE-K** [CHCZ+24, DW15]. **MARC** [FCD+18]. **Market** [LCQB19]. **Markets** [TVKB16]. **MAS** [DRVF14]. **Matching** [LCQB19]. **mathematical** [WS10]. **Matrix** [FG15]. **Matter** [BMPB23]. **Measure** [AMS+19]. **measurement** [KIW06]. **measures** [AD09]. **Mechanism** [KKK+18b, TVKB16, DRVF14, CSLZ10]. **Mechanisms** [RDKB15, APA12, BDS07, WNV12a]. **Media** [SR16]. **Memory** [DRPQ14, AL09, SDY09]. **memory-less** [SDY09]. **message** [BW09]. **message-driven** [BW09]. **Method** [BBDB15, FE12, KKK+18a, LDC+18, ZHSP20, CSLZ10, Lit07, PSFC12]. **methodologies** [PSFC12]. **Methods** [XZL11, BCC+12, FSW+10]. **Metric** [MG11]. **Microgrids** [FDMD15]. **Microservice** [HBMA21]. **Middleware** [FGB11, FRL09, WHH+10b, ZS09]. **Migrations** [LCT+18, WVT+17]. **MiniMax** [CEA08]. **minority** [AL09]. **Mission** [ZNU21]. **Mitigating** [BSS+14]. **Mix** [LWQL16]. **Mixing** [Bea15]. **Mobile** [BCC+17, CW11, MR11, SZB19, WVT+17, XZL11, DLIP08, FRL09, SDY09]. **Mobility** [Buc19]. **Mode** [JB11]. **Model** [APSM18, BSS+14, BBDB15, IA18, LCQB19, LHAES23, PBW+20, VG14, GCC06, WS10, WHH10a, WMA12]. **Model-Based** [IA18, PBW+20]. **Model-Driven** [BSS+14, VG14, LHAES23]. **Modeling** [ALKG22, BBDB15, DBDF19, DBA+21, FCD+18, FPC23, KD16, LXX+14, MCPB20, SQX+07, VHK+17, WNV12a, ZCVL13, CGPP12, WNV12b]. **Modelling** [BCC+23]. **Models** [BN12, VA11]. **Modular** [BMPB23]. **Modulation** [WUK+18]. **Monitoring** [BWW+17, CV19, FG15, ZHSP20, BLK+09, HSL+07]. **morphogenetic** [GJM12]. **Motion** [HWH+17]. **Multi** [ADV16, AH21, Buc19, CLSS+13, DDH23, GGPTRC16, GB14, LV07, MDC17, MALS22, PPB17, PPCE22, SJN18, WCW+17, ZLHC21, DHC10, DC12, HAMR13, HKR08, MHZ13, Pos07, TGT+06, USC+08, ZCS12]. **Multi-Agent** [ADV16, CLSS+13, LV07, MDC17, PPB17, WCW+17, DDH23, MALS22, ZLHC21, HKR08, Pos07]. **Multi-Agents** [Buc19]. **Multi-Cloud** [GB14]. **multi-constraint** [MHZ13]. **multi-objective** [HAMR13]. **multi-policy** [DC12]. **Multi-Robot** [AH21, SJN18, PPCE22, TGT+06, ZCS12]. **multi-society-based** [DHC10]. **Multi-Tasking** [AH21]. **Multi-Tenant** [GGPTRC16]. **multi-tier** [USC+08]. **Multiagent** [HL13, HLM15, JAJ+18, SQX+07, WS10]. **multicast** [AVC09, SLJS08, XVYH11]. **Multidimensional** [GMM12]. **Multilateral** [HLLL21]. **Multilayered** [LV07]. **multilevel** [JI07]. **Multimedia** [MM17]. **Multiobjective** [FDMD15]. **Multiplex** [JZL15]. **multirate** [XVYH11]. **Multirobot** [DZJ+21, KLWS16, GJM12]. **Multiscale** [FDMD15]. **Multitolerance** [CEK14].

**mutation** [WXZ10]. **mute** [BW09]. **Mutual** [RTH19].

**Natural** [HWH+17]. **nature** [GR10, KGJ08]. **nature-inspired** [GR10, KGJ08]. **necessary** [CY07]. **Negative** [KTK+16]. **Negotiation** [CW14, SR16, GR08, PTW07]. **NEPTUNE** [BHQT24]. **Nervous** [DXP14]. **Network** [Dua11, FE12, IJDZ16, SQX+07, SZB19, BLK+09, GSD08, LS09, LR12]. **Networked** [BWW+17, CEA08]. **networking** [LPZZ09]. **Networks** [AMG18, BRII21, CW11, CMP13, FGB11, GMMB15, JZL15, KRM16, KKK+16, KKK+18a, LEC+15, LNS24, LDL16, LXX+14, MM17, Mam11, MR11, MOP21, MPC+15, RMKM17, SSVB23, XLXZ14, ACW10, AD09, DK12, FRL09, GLMN09, HSL+07, LLL12, MPBMP+10, MT09, MS12, PRJ11, SA12, VSMS13, WCD+09, WNV12a, WNV12b, WNET07, XVYH11, XLX12, ZSA09]. **Neural** [LZ13]. **Nodes** [KRM16]. **Non** [MDC17]. **Non-Stationary** [MDC17]. **Nonfunctional** [FYC+24]. **Norm** [MALS22]. **Normative** [MLsRA+15]. **Norms** [ADV16, HSC+18, SDOP20]. **Number** [dASH16].

**objective** [HAMR13]. **Obstacles** [CV19]. **omega** [BW09]. **Online** [IJDZ16, MKS21, MLsRA+15, SCC17, QPGS12]. **Open** [ASS+15, ST13, RYC+07]. **operators** [WXZ10]. **Opponents** [CW14]. **Opportunistic** [BUL+18, CMP13, MPC+15]. **Optimal** [BW09, BR11, BRDA16, HL13, KKK+18a, LND12]. **optimistic** [Das12]. **Optimization** [CPZZ20, LHKK23, LDC+18, MHP+12, ZCVL13, DC12, HAMR13, WDTS11]. **optimizer** [WXZ10]. **Optimizing** [SMK21, GYSD08, LR12]. **Options** [WV18]. **Orchestration** [SMHP15]. **Ordering** [SJN18]. **organic** [SMSÇ+10, WBSI10]. **Organisations** [ADV16]. **Organised** [KPO19, PBM14]. **Organising** [PPB17]. **Organization** [AA16, PSPR15, DRVF14, CSLZ10, SMSÇ+10, WHH10a]. **organizations** [KGJ12, WHH+10b, WHH10a]. **Organized** [KKK+16, GJM12, Her10, SSVB23]. **Organizing** [AOK11, KRM16, KKK+18a, KKK+18b, PSA12, TWS20, BMZ12, BDS07, FSW+10, FMS08, KB12, LS09, LPZZ09, PRJ11, PSFC12, WCD+09]. **Oriented** [DRVF14]. **Oscar** [GDA10]. **oscillators** [KB12]. **Our** [BMS11]. **Outcomes** [HL13]. **Overlay** [GMM12, GDA10, WNV12b, WNET07]. **Overlays** [JB11]. **Overview** [DC12].

**P2P** [BDS07, CSLZ10, GMM12, JB11, LLL12]. **P2P-like** [CSLZ10]. **Papers** [BE16, CPS17, Edi14, PH15, SI17, TWS20, VDK16]. **Parallel** [MVV14]. **Parallelization** [CFGM16]. **Parameter** [BRDA16]. **Parsimonious** [GR10]. **Particle** [WXZ10]. **partitioned** [GYP12]. **Partitioning** [RPG+15]. **Partner** [PBARA14]. **partners** [LLL12]. **pattern** [GJM12]. **patterns** [BCD+06]. **Peer** [LXX+14, DHJ08, HSM+12, KGJ08, LMSM12, WNET07]. **Peer-to-Peer** [LXX+14, DHJ08, HSM+12, KGJ08, LMSM12, WNET07]. **Percentile** [LZ13]. **Percentile-Based** [LZ13]. **Perception** [FP17]. **Performance** [BSS+14, CGJZ15, CMP13, Dua11, FHDD23, GS18, LF19, LDC+18, SMK21, ZCVL13, Lit07, MSA09]. **performance-robust** [MSA09]. **Periods** [RB17]. **Persistence** [TSLF23]. **persistent** [BDMP12]. **Perspective** [HWA+20, JAJ+18]. **perturbations** [GYP12]. **Pervasive** [Bak11, BDLM11, CMRZ15, CD11, Dua11, Gab11, MZ07, SHRB13, VCMZ11, BCC+12, DC12, GPTW13, HSM+12, SF12, ZP12].

**Pheromone** [ZHSP20, MZ07]. **pheromone-based** [MZ07]. **philosophers** [DNT09]. **Physical** [LVP15, SJN18, CMS23]. **PID** [SMK21]. **Pig** [ZCVL13]. **Pirates** [ZHSP20]. **Placement** [BCC+17, PRRR15, Her10]. **Plan** [MKS21]. **Planning** [IA18, KB15, LHKK23, MKS21, ZLS22]. **Plans** [SDOP20]. **Plants** [HWH+17]. **Plasticity** [BEE+20]. **Platform** [EGSM21]. **playing** [WNV12a]. **Point** [PSPR15]. **points** [MSA09]. **Policies** [BSK20, KB15]. **Policy** [GF19, SR16, CLHX12, DC12]. **Pool** [PBM14]. **pools** [LND12]. **population** [AAFJ08]. **power** [LR12]. **Predicates** [DGL+11]. **Predicting** [FYC+24, FPC23]. **Prediction** [CLRC21, MDC17]. **Prediction-Based** [MDC17]. **Predictive** [APSM18, MVV14, XVYH11]. **predictor** [PDCE11]. **Preferences** [MBB11, SZY+20, GPTW13]. **Prescriptive** [BBDB15]. **Presence** [SMHP15]. **Price** [BR11]. **Prices** [VGR+15]. **Primate** [XZL11]. **Primate-Inspired** [XZL11]. **Principles** [PSA12]. **Privacy** [SR16]. **Proactive** [MCGS18, VMG14]. **Probabilistic** [CV19, GF19]. **problem** [GCC06]. **problem-solving** [GCC06]. **Process** [LCT+18]. **Processes** [KD16, BW09]. **Processing** [HEC+16, Men16, PSPR15]. **Profiles** [VHK+17]. **Profiling** [LDC+18]. **Profitability** [WUK+18]. **Programmable** [BMPB23]. **Programming** [DLPT14, DDH23, HBDD14, LNS24, Mam11]. **Programming-based** [DDH23]. **Programs** [ZCVL13, BEK09]. **Properties** [BDS07]. **Property** [BBDB15]. **Property-Driven** [BBDB15]. **Prosocial** [MALS22]. **Protecting** [YEM14]. **Protection** [IA18]. **Protocol** [MR11, BDMP12]. **Protocols** [FE12, AAFJ08, CDV09, Pos07]. **Providing** [GS18]. **Provisioning** [GB14, KCH14, LZ13, SA06, USC+08].

**PSINES** [CLRC21]. **psychology** [AVC09]. **PTZ** [DAHS21]. **Public** [HBDD14, WUK+18]. **pull** [XLX12]. **pull-based** [XLX12]. **Push** [XLX12]. **Push-** [XLX12].

**QoS** [AHM09, DBA+21, GSD08]. **QoS-aware** [DBA+21]. **queries** [GYP12].

**Radio** [BW19]. **random** [GYP12]. **Randomization** [SSVB23]. **Range** [MOP21]. **Range-based** [MOP21]. **Ranking** [WNET07]. **Rational** [VA11, ZS09]. **REACT** [PBW+20]. **REACT-ION** [PBW+20]. **Reactive** [SA06, WV18, GCC06]. **reading** [MS12]. **Reality** [HWH+17]. **Reasoning** [SDOP20]. **Rebalancing** [CPZZ20]. **Recognition** [HMF+15]. **reconfigurability** [RYC+07]. **Reconfigurable** [BSK20, PRJ11]. **Reconfiguration** [MVV14]. **Reduction** [WGQV22]. **Reestablishment** [KRM16]. **reference** [WMA12]. **Reflective** [SF12]. **Regulation** [CLSS+13]. **Reinforcement** [BSK20, GF19, HL13, HLM15, KB15, MDC17, MAFS+18, RW20, TSLF23, VGR+15, WCW+17, ZLHC21]. **reinforcing** [VSMS13]. **RelaxDHT** [LMSM12]. **Reliability** [PRB16]. **Reliable** [BLK+09, JZL15, AVC09]. **Renewable** [LWQL16]. **Repair** [War19]. **Replicated** [DRPQ14]. **Replicating** [FPC23]. **Replication** [PRB16, LMSM12]. **Requirement** [FYC+24]. **Requirements** [APSM18]. **Research** [HWA+20, ST09]. **Resilience** [CMS23]. **Resilient** [BRII21, LMSM12, MS12]. **Resolution** [CV19]. **Resource** [ASS+15, FCD+18, GEB+21, JH13, KCH14, KPO19, LF19, LHAES23, PBM14, SSN+12, SMHP15, ZLS22, LND12]. **Resource-Lean** [JH13]. **resources** [AL09]. **Response** [IA18, ZS09]. **results** [BEK09, PB13]. **retrieval** [MIRG06]. **Reuse** [GF19, KGL21].

**Review** [ESBT19, GWQ21]. **Reviewers** [Ano06, Ano07, Ano08, ACM06, Ano09]. **Revised** [CPS17, PH15, VDK16]. **revising** [BEK09]. **Reward** [GGV20]. **Rewriting** [HEC+16]. **RFID** [MZ07, XZL11]. **Rigorously** [DW15]. **Risk** [DZJ+21]. **Risk-aware** [DZJ+21]. **Robot** [AH21, BMPB23, BBDB15, KD16, SJN18, SBMM17, SCC17, WV18, War19, GLMN09, JI07, PPCE22, TGT+06, ZCS12]. **Robot-based** [BMPB23]. **robots** [DLIP08, LDD06, SDY09]. **Robust** [CLSS+13, HSC+18, LC21, VSMS13, MSA09]. **robustness** [KB12]. **role** [RYC+07, WNV12a]. **roles** [RYC+07]. **Routing** [MR11, VGR+15, MHZ13, PRJ11, PB13, SLJS08, ZSA09]. **rtual** [BCF+08]. **rule** [GR10]. **run** [HSL+07]. **run-time** [HSL+07]. **Runtime** [CV19, CMS23, KTK+16, PBW+20, RMM19, RTH19].

**SAC** [FMVC14]. **Safe** [DHJ08, GF19]. **Safety** [ST13, Dat08, Dat09]. **Sampling** [BWW+17, LVP15]. **SAPERE** [CMRZ15]. **SARDE** [GEB+21]. **SASO** [CPS17, PH15, VDK16]. **Scalability** [DBA+21, FHDD23, GGV20]. **Scalable** [FBL18, JB11, PRRR15, ZLS22, BLK+09]. **Scale** [KKK+16, KKK+18a, RPG+15, AD09, MCPB20, WCD+09]. **Scaler** [DRPQ14]. **Scaling** [DRPQ14]. **ScatterD** [WDTS11]. **SCEL** [DLPT14]. **Scenarios** [AH21]. **Scheduling** [RB17]. **Scientific** [RB17, HAMR13]. **SDN** [MAFS+18]. **SEAMS** [BE16, Edi14, SI17, SCM24]. **Search** [KGL21]. **secret** [SA12, MOP21]. **Section** [BE16, Edi14, SI17, BCC+12, BN12, ZP12]. **Secure** [ALKG22, MOP21]. **Securing** [AWEB22]. **security** [Dat08, Dat09, SA12]. **SeDiM** [FGB11]. **Selected** [CPS17, PH15, VDK16, TWS20]. **Selection** [Gab11, HS11, SSN+12, CY07, DHC10, SS12]. **Self** [AA16, AOK11, APSM18, AAFJ08, ARS17, BVPD17, BMZ12, BBC+11, CMGS16, CGJZ15, DXP14, DNT09, DY08, DP16, ESBT19, FB15, FMVC14, FCD+18, FP17, FMA+17, GGV20, GWQ21, GW24, GLMN09, GEB+21, Her10, HWA+20, HEC+16, DW15, KRM16, KGL21, KB12, KPO19, KKK+16, KKK+18a, KKK+18b, LZ13, LHKK23, LCQB19, LNS24, MS15, MHP+12, MCGS18, PRRR15, PSPR15, PRJ11, PPB17, PSA12, PBM14, PPA18, RMKM17, RTH19, ST09, SGP13, SSVB23, SWM19, SPB24, TWS20, DRVF14, VG14, WCD+09, WGQV22, WGA+23, YHT16, YEM14, ACW10, BDS07, BN12, CSLZ10, DHJ08, FSW+10, FRL09, FMS08, GYSD08, GR10, GJM12, KGJ08, KGJ12, LS09, LPZZ09, PSFC12, SMSÇ+10, TGT+06, VSMS13, WMA12]. **Self-*** [KGL21]. **Self-Adaptation** [BVPD17, CMGS16, FMVC14, GW24, MCGS18, RMKM17, WGA+23, RTH19, KGJ12]. **Self-Adaptive** [AA16, APSM18, ARS17, FMA+17, GW24, GEB+21, DW15, LZ13, SGP13, SPB24, VG14, GWQ21, HWA+20, ST09, SWM19, WGQV22, BN12, FRL09, KGJ08, LPZZ09, WMA12]. **Self-Adaptiveness** [PSPR15]. **Self-Adaptivity** [LNS24]. **Self-Assembly** [FP17, GR10, TGT+06]. **Self-Aware** [FCD+18, LHKK23]. **Self-awareness** [ESBT19]. **Self-Defense** [DXP14]. **self-downloading** [DHJ08]. **Self-Healing** [GGV20, MS15]. **Self-Learning** [LCQB19]. **Self-managed** [PPA18]. **Self-Management** [HEC+16]. **Self-Optimization** [MHP+12]. **self-optimizing** [GYSD08]. **Self-Organised** [KPO19, PBM14]. **Self-Organising** [PPB17]. **Self-Organization** [PSPR15, DRVF14, CSLZ10, SMSÇ+10]. **Self-Organized** [KKK+16, Her10, SSVB23, GJM12]. **Self-Organizing** [AOK11, KRM16, KKK+18a, KKK+18b, PSA12, TWS20, BMZ12, KB12, PRJ11, WCD+09, BDS07,

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