# A Bibliography of Publications of *Gilbert Wright 'Pete' Stewart III*

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## Abstract

This bibliography records publications of Gilbert Wright 'Pete' Stewart III.

## Title word cross-reference

$AX + XB = C$ [BS72]. $Ax = \lambda Bx$ [MS71, Ste72, Ste75b]. $B$ [Ste10b]. $CS$ [Ste82]. $LU$ [Ste93f, Ste97d]. $n$ [Ste16a]. $QR$ [CPS97a, CPS97b, DGKS76, MS93a, MS93b, Ste77b, Ste84a, Ste87d, Ste92a, Ste93f, Ste94d, Ste95c, Ste98d, Ste99b, Ste10a]. $ULV$ [Ste93h]. $URV$ [AGS91a, AGS91b, GS91, GBS92, LOSW93, LOSW94, Ste91e, Ste94i]. $UTV$ [Ste94a].

**-algorithm** [Ste87d]. **-Arnoldi** [Ste10b].

**1** [LS95]. **10-16** [BF90]. **13-17** [IEE02]. **15th** [GW94]. **18th** [BS86]. **1967** [DH69]. **1974** [Mil75]. **1975** [BR76]. **1976** [HW76]. **1977** [Ric77]. **1978** [DS79, dBG78, Ple81]. **1982** [KR83]. **1983** [ICH84]. **1985** [All86]. **1986** [BS86, IP87]. **1988** [ER88]. **1991** [IEE91]. **1992** [MGD93]. **1993** [BCEP94, GW94].

**2002** [IEE02]. **2nd** [Ste95g].

**384** [Ste70a, Ste70e].

**432** [BS72].

**506** [Ste76a].

**776** [BS97].

**844** [BPS05]. **879** [LS09]. **8th** [ER88].

**92** [IEE92].

= [GS95].

**A.** [Ste79d]. **Academy** [Mil75]. **Accelerating** [Ste69a]. **Accept** [Ste67b]. **Accuracy** [Ste97a]. **ACM** [BS72, Ste70a]. **Acoustics** [IEE91, IEE92, IEE02]. **adaptive** [LOSW93]. **Addendum** [Ste02a]. **Adjugate** [Ste98b]. **Adjustable** [Ste09a]. **Adjusting** [Ste02b]. **Advanced** [MGD93, Kin99, Ste98f]. **Advances** [SGW+89, dBG78, GGL94, vH97]. **after** [Ste96]. **Afternotes** [Ste96, Ste98f, Kin97, Kin99, Ser97]. **Aggregated** [Ste83a]. **Alamos** [TTB+88]. **Algebra** [DH69, HS87, MGD93, Ste88b, Bir80, MP93, Ste99a]. **Algorithm** [BS72, BS79, GOS15, HC03, MS93a, MS93b, MS73, MS78, Ste70a, Ste70b, Ste71a, Ste79a, Ste85a, Ste01b, Ste02a, Ste05, MS71, MS72, SSM89, SMC08, Ste87d, Ste90g, Ste91e, Ste92c, BS97, BPS05, FW82, LS09, Ste70e, Ste76a]. **Algorithms** [DGKS76, Ste86b, Ste98d, Ste01c, BCcC+88, OS85, Ste98g, Ste99b, Vac91, Ste97a]. **Alston** [Ste93a]. **Ambiguity** [SSS89]. **AMS** [BF90]. **AMS-IMS-SIAM** [BF90]. **analogue** [CJ04]. **Analyses** [CPS96, CPS97a, CPS97b]. **Analysis** [IP87, SL68, Ste68, Ste69e, Ste69f, Ste71a, Ste92a, Ste05, Ste11b, dBG78, Bir80, BF90, GW94, JS01, Mil75, Ste96, Ste98f, Vac91, Kin97, Ste93b, Kin99, Ser97]. **Analysts** [Ste97b]. **analytic** [Ste71c]. **Anecdotes** [TTB+88]. **Application** [Ste80b, TTH+84]. **Applications** [MP93, MGD93, BF90, OS98, Vac91]. **Applied** [Bir80, MP93]. **Approach** [Ste00b]. **approaches** [AMPS83]. **Approximate** [Ste71b, Ste02c]. **Approximating** [HC03, JS01]. **Approximation** [GHS87, GHS88, Ste99c]. **Approximations** [Ste67b, Ste98d, BPS05, Ste99b, Ste01a]. **April** [HW76, IP87]. **architectures** [BCcC+88]. **Argonne** [BR76]. **Arithmetic** [Ste09a]. **Army** [BF90]. **Arnoldi** [Ste00a, Ste09b, Ste10b]. **ARPACK** [Ste00a]. **Arrays** [OS87]. **arrival** [AGS91a, AGS91b]. **Arrowhead** [OS90]. **Art** [IP87]. **Artificial** [AMPS83]. **Asilomar** [Che91]. **Aspects** [DH69]. **Assignment** [OS86]. **Associated** [Ste73b]. **Asymptotic** [Ste84a]. **August** [MGD93, Ros74].

**B** [Bir80, Cam81, Par81]. **Backward** [Ste69e, Ste02c]. **Band** [RS98]. **Bartels** [SMC08]. **based** [AMPS83, LOSW93]. **Bases** [Ste88a, Ste12]. **Basic** [Ste98g]. **Basis** [GMS+85]. **Bau** [Ste99a]. **Bauer** [FGH+06]. **be** [Ste81a]. **Behavior** [Ste84a, Ste80a]. **Behavioural** [SMC08]. **Belgium** [MGD93]. **Below** [TTB+88]. **Bibliographical** [Ste76b]. **Bigradients** [HS69b]. **Biography** [Duf10]. **Birmingham** [IP87]. **Bit** [TTB+88]. **Block** [BS79, MS93a, MS93b, Ste08, vMS94, Ste95e, vS96]. **Book** [Bir80, Fra95, Kin97, Kin99, Par81, Ser97, Ste78a, Ste93b, Ste97a, Ste99a, Ste00a]. **Bounds** [O'L90, Ste71b, Ste73b, Ste77b, Ste79c, Ste83a, Ste91g, Ste98e, Ste02c]. **Broad** [RS98]. **Broad-Band** [RS98]. **Bug** [TTB+88]. **Building** [Ste03a, OPSW86]. **Bunch** [Bir80, Cam81, Par81]. **Byte** [TTB+88].

**C** [Bir80, Cam81, Par81]. **Calculate** [BS92, BS97, Ste78c]. **Calculating** [BS74, FW82, Ste75d, Ste76a]. **calculation** [Ste90b]. **calculations** [Ste81b]. **calculator** [Bir80]. **calculators** [Ste81b]. **California** [Wou89, Che91, IEE92]. **Camille** [Ste16a]. **Canada** [IEE91]. **cancellation** [LHS13]. **Canonical** [Ste16b]. **capital** [Ste87c]. **Carl** [Fra95]. **Carolina** [BCEP94]. **Case** [Ste11c].

**Centenary** [BCEP94]. **Center** [Ric77, dBG78]. **Centre** [IEE91]. **Certain** [Ste73b]. **Chains** [Ste83a, Ste84c, Ste90i, Ste90c, SZ91b, Ste93d, Ste94e, SSM94, Ste97c, MP93, Ste93g, Ste95g, Ste95g]. **Charles** [Ste87e, Ste93b]. **Cholesky** [CPS96, Ste79a, Ste93f, Ste97d]. **Classifier** [HBC+00]. **Closed** [Ste71b]. **Coefficients** [Ste77d]. **College** [Ste96]. **Collinearity** [Ste86a, Ste87a, Ste87b]. **Collins** [BS86]. **Colorado** [BS86]. **column** [Ste84b, Ste90b]. **combination** [Fra95, GS95]. **combinationis** [Fra95, GS95]. **commentaries** [KO10]. **commentary** [Ste11a]. **Comments** [HS69a]. **Communication** [Ste86b, Ste90a]. **Compact** [Bir80]. **companion** [Ste71c]. **Compilers** [Ste76f]. **complement** [Ste95d]. **Completely** [SSM94]. **Complex** [Ste85b, Ste86c, Pri04]. **COMPSTAT** [ER88]. **Computable** [Ste83a]. **Computation** [OSvdG89, Ste98d, Ste00b, CH90, OS85, Ste99b]. **computational** [ER88, Bir80]. **Computations** [BR76, OSvdG86, Ste73d, Ste76f, Ste90a, Ste95g, Ste87e]. **Computer** [All86, HW76, SGW+89, TTH+84, ICH84, All86, BS86]. **Computers** [Che91, Bir80, OPSW86]. **Computing** [ACM98, BS79, GOS15, HS87, OS90, SS74, Ste82, Ste85a, Ste88b, TTB+88, GSV86b, Ste76e, Ste83b, BPS05]. **Concerning** [Ste88a]. **Condition** [CMSW79, Ste80b, SZ91a, Ste90b]. **conditioned** [Ste81a]. **Conducted** [Ric77, dBG78, DH69]. **Conference** [BCEP94, Che91, GW94, IEE91, IEE92, IP87, KR83, Mil75, BF90, IEE02, Che91]. **Congress** [Ros74]. **Conjugate** [Ste73a, Ste75a]. **Constrained** [Ste81a]. **constraints** [Ste97e]. **Constructive** [DH69]. **Continuity** [Ste69b]. **Convergence** [HC03, Ste70d, Ste74a, Ste75a, Ste94f, Ste98a, Ste09b, OS98]. **Copenhagen** [ER88]. **Cornelius** [BCEP94]. **Correcting** [Ste76c]. **Corrigendum** [Ste71d, Ste86c]. **Crab** [OPSW86]. **Criterion** [Ste09b]. **CS** [Ste16b]. **Curiosity** [Ste88a]. **Curriculum** [FGH+06].

**Data** [OS85]. **Data-flow** [OS85]. **David** [Ste99a]. **Davidon** [Ste67b]. **Debugging** [TTB+88]. **December** [BCEP94]. **Decomposable** [SSM94]. **Decomposing** [MS78]. **Decomposition** [GOS15, MS93a, MS93b, Ste85a, Ste91f, Ste93e, Ste93h, Ste99c, AGS91a, AGS91b, GS91, GBS92, HC05, LOSW93, Ste82, Ste83b, Ste90e]. **Decompositional** [Ste00b]. **Decompositions** [Ste84a, Ste94a, Ste94d, Ste97f, Ste98c, Ste94i, Ste95c, Ste98g]. **Definite** [OSV79, Ste79c, Ste81a]. **Deflation** [Ste81c]. **Degeneracy** [GKS76b, GKS76a, Ste76c, Ste84d]. **Derivatives** [MS88, Ste67b]. **derived** [Ste03b]. **Detecting** [Ste76c]. **detection** [LHS13]. **Determinacy** [OS87]. **determinants** [HS69b]. **Determining** [Ste93c]. **Developing** [BDP+98a, BDP+98b]. **Development** [Cow84, Ste77c, TTH+84]. **Diagonalization** [BS79]. **Diagonally** [BS74]. **Difference** [Ste67b]. **digital** [MS79]. **Dimensions** [Ste16a]. **Direct** [SZ91b]. **Direction** [AGS91a, AGS91b, Ste73a]. **Direction-of-arrival** [AGS91a, AGS91b]. **disks** [Ste67a]. **Division** [Ste71a, Ste85b, Ste86c, Pri04]. **Domain** [RS98]. **Dominant** [BS92, BS97, BS74, Ste78c]. **DOMINO** [OSvdG86, OSvdG89]. **Dongarra** [Bir80, Cam81, Par81]. **Downdates** [Ste94g, Ste95f]. **Downdating** [Ste79a, Ste10a]. **Duff** [Ple81]. **Dundee** [GW94]. **Dynamic** [LHS13, SMC08].

**Early** [Ste93e]. **Eckart** [GHS87, GHS88]. **Economical** [Ste76d]. **edited** [Ple81]. **Editor** [BCcC+88]. **Effects** [Ste77d, Ste79a].

**Efficient** [GOS15, Pri04, Ste80b, Ste98d, MS79, Ste99b]. **Eigenproblems** [Ste01b, Ste02a, LS09, OS98]. **eigenspaces** [JS01, Ste12]. **Eigensystems** [Ste01c, Ste01d]. **EIGENTEST** [LS09]. **Eigenvalue** [MS73, OSV79, Ste72, Ste73b, Ste74c, Ste75b, Ste76b, Ste78b, Ste79c, SZ91a, Ste00a, MS71, MS72]. **Eigenvalues** [FW82, OS90, Ste70a, Ste70e, Ste76a, SZ91a, Ste91g, Ste98e, Ste04]. **Eigenvectors** [BS74, MS88, OS90, Ste70a, Ste70e, Ste75d, Ste69a]. **elementary** [Ste96]. **Elements** [Ste74b]. **Elimination** [Ste74b, Ste93d, Ste94b, Ste95a, Ste97f, Ste98c]. **Elsner** [Ste04]. **Elsner-like** [Ste04]. **Enough** [Ste11c]. **Environment** [OSvdG86]. **equality** [Ste97e]. **Equation** [BS72, Ste92b]. **Equations** [GS76, Ste81c, Ste11a, Ste73a]. **Error** [Ste69e, Ste71a, Ste71b, Ste73b, Ste79a, Ste83a, Ste86a, Ste92a, Ste93c, Ste05, BF90, Fra95, GS95, Ste80a, Ste02c]. **erroribus** [Fra95, GS95]. **Errors** [HS72, Ste77d, Ste97b, vMS94, Ste90d, vH97, vS96]. **errors-in-variables** [vH97]. **ESPRIT** [LOSW93, LOSW94]. **Essay** [Ste16a]. **Estimate** [CMSW79]. **Estimating** [OSV79]. **estimation** [AGS91a, AGS91b]. **Estimators** [Ste80b]. **Example** [Ste86b]. **EXCHNG** [FW82, Ste76a]. **Excitement** [HS72]. **Expansion** [SS93, Ste84e]. **Exponential** [Ste92a]. **Extraction** [RS98]. **Extreme** [Ste75a].

**F** [Ste87e]. **F2** [FW82, Ste70a, Ste70e, Ste76a]. **F4** [BS72]. **fact** [Ste96]. **factoring** [HS69a, Ste69c, Ste70c, Ste73c]. **Factorization** [CPS96, CPS97a, CPS97b, DGKS76, HS71, OS86, Ste77b, Ste79a, MS79, Ste91e]. **Factorizations** [Ste93f, Ste10a]. **Factors** [Ste97d]. **Fan** [Ste67a]. **Fashioned** [Ste03a]. **February** [ACM98, GGL94]. **fifth** [Che91]. **File** [Ste91a, Ste91c]. **Finding** [Ste69d, Ste70d, Ste71d, Ste80a]. **First** [TTB+88, TTH+84]. **Flap** [Ste09a]. **Floating** [Ste09a, LHS13]. **Floating-Point** [Ste09a, LHS13]. **Florida** [IEE02]. **flow** [OS85]. **Formulation** [Ste69e]. **Fort** [BS86]. **FORTRAN** [BS92, BS97, Ste78c, FW82, Ste76a]. **Foundation** [BF90]. **Four** [Ste99b]. **Fox** [MS78]. **Francisco** [IEE92]. **FREDHOLM** [Ste11a]. **Friedrich** [Fra95, FGH+06]. **FTP** [Ste91a]. **FTPing** [Ste91b]. **function** [Bir80]. **functions** [Ste71c]. **Fundamental** [DH69, Ste11a].

**G** [Bir80, Cam81, Fra95, Kin97, Kin99, LS95, Par81, Ple81, Ser97]. **G.** [Duf10, KO10, Ste11a]. **Gauss** [Fra95, Ste94b, Ste95a]. **Gaussian** [Ste74b, Ste93d, Ste94b, Ste95a, Ste97f, Ste98c]. **Gene** [Ste87e]. **General** [Ste91c]. **Generalization** [GHS87, GHS88, Ste67a, Ste73c, Ste01a]. **Generalized** [GOS15, MS73, SS74, Ste69b, Ste75b, Ste76b, Ste78b, Ste79c, Ste92b, MS71, MS72, Ste83b, Ste04, Ste06]. **Generation** [Ste80b]. **generator** [LS09]. **Geometry** [Ste16a]. **Gershgorin** [Ste67a, Ste75b]. **given** [MP93]. **goes** [Kin99, Ste98f]. **Golub** [Ste87e]. **Graded** [SZ91a, Ste94d, Ste95c, Ste01d]. **Gradients** [Ste75a]. **graduate** [Kin99, Ste98f]. **Gram** [DGKS76, Ste05, Ste08]. **groups** [SSS89]. **Grove** [Che91]. **Guide** [DBMS79, Ste00a, Bir80, Cam81, Par81].

**H** [Ste87e]. **hand** [Ste81b]. **hand-held** [Ste81b]. **Hankel** [HS69b]. **harmonic** [CJ04]. **Harvard** [HW76]. **Havsbad** [KR83]. **heat** [SL68]. **Heinz** [Ste78a]. **Held** [KR83, BF90, DS79, ER88, GGL94, IP87, MP93, Ste81b, Wou89]. **Henrici** [Bir80]. **Hermitian** [Ste69a, Ste76e, Ste85a, Ste91g, Ste98e]. **Hessenberg**

[FW82, Ste76a, Ste95e, vMS94, vS96]. **Hessians** [Ste81a]. **hierarchical** [AMPS83]. **High** [ACM98]. **High-Performance** [ACM98]. **Higham** [Ste97a]. **HILBERT** [Ste11a]. **History** [Ste93e]. **Horn** [Ste93b]. **Hotel** [All86, IEE91]. **Householder** [MS78, Ste79d, Ste93a]. **HP** [Bir80]. **HQR3** [FW82, Ste76a]. **Hyatt** [DS79]. **Hyperbolic** [SS98]. **hypergeneralized** [Ste06].

**Iain** [Ple81]. **IBM** [DH69]. **ICASSP** [IEE91, IEE92]. **ICASSP-91** [IEE91]. **ICASSP-92** [IEE92]. **Identification** [HS72]. **IEEE** [IEE02]. **IFIP** [Ros74]. **II** [Mil75, Vac91, Ste73c, Ste01c]. **III** [Ric77, Ste99a]. **IMA** [GGL94, IP87]. **IMA/SIAM** [IP87]. **image** [MS79]. **Impacts** [SGW+89]. **implementation** [Ste87d]. **Implementing** [SSM89]. **Implicit** [Ste81c]. **Implicitly** [Ste00a]. **Impossible** [TTB+88]. **IMS** [BF90]. **Incorporating** [Ste70b]. **Incremental** [Ste90b]. **Independent** [Ste77d, Ste80a]. **Industrial** [Bir80]. **Inequalities** [Ste95b, Ste90h]. **Information** [Ros74]. **Input** [HS72]. **Institute** [HW76, MP93, MGD93]. **Integers** [Ste88a]. **Integral** [Ste11a]. **intelligence** [AMPS83]. **Interface** [All86, BS86, HW76]. **interior** [SSM89]. **International** [BCEP94, IEE91, IEE92, ICH84, Ste95g, IEE02]. **Introduction** [Ste73d]. **invariance** [Ste84b]. **Invariant** [BS92, BS97, Ste71b, Ste78c, Ste87c, Ste76e]. **Invention** [TTB+88]. **Inverse** [SS74, Ste69b, Ste75c]. **Inverses** [O'L90, Ste77a, Ste89]. **Irish** [Mil75]. **Isolated** [Ste75a]. **Italy** [ICH84]. **Iteration** [Ste75d, SSM94, Ste69a, Ste70c, Ste76e]. **Iterations** [Ste74a, Ste94f, HS69a, Ste69c, Ste73c]. **Iterative** [KS99, SS74, Ste95b, GGL94, Ste90h].

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**M** [LS95]. **M/G/1** [LS95]. **Madison** [Ric77, dBG78]. **March** [ACM98, All86, BS86, GGL94, IEE92, KR83, Ric77]. **Markov** [MP93, Ste95g, Ste83a, Ste84c, Ste90i, Ste90c, SZ91b, Ste93d, Ste93g, Ste94e, SSM94, Ste97c]. **Marriott** [IEE92]. **Maryland** [Ste96, OPSW86]. **Massachusetts** [HW76]. **Mathematical** [Cow84, Ric77, ICH84, Ric77].

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**N** [Ste99a]. **NASA** [TTH+84]. **Nash** [Bir80]. **National** [BF90, BR76]. **NATO** [MGD93]. **Nearly** [MSS84, Ste81c, Ste84c, Ste90c, SZ91b, SSM94, Ste93g]. **Network** [ACM98]. **networks** [SMC08]. **neural** [SMC08]. **Nicholas** [Ste97a]. **Ninth** [HW76]. **Non** [Ste85a, Ste76e]. **Non-Hermitian** [Ste85a, Ste76e]. **Noninteger** [Ste88a]. **Nonlinear** [GS76]. **Nonsymmetric** [BS92, BS97]. **norm** [GBS92]. **North** [BCEP94]. **Note** [Ste79b, Ste85b, Ste86c, Ste92b, Ste06]. **November** [Che91, DS79]. **Null** [GMS+85, GOS15, Ste84b]. **Number** [CMSW79]. **Numbers** [SZ91a]. **Numerical** [HS87, HS71, IP87, Kin97, LS95, SS74, SL68, Ste68, Ste69f, Ste74c, Ste90i, Ste95g, Ste97a, Ste97b, Ste99a, Ste11b, dBG78, Bir80, BDP+98a, BDP+98b, CH90, Kin99, Mil75, Ser97, Ste96, Ste98f, GW94]. **numerische** [Ste78a].

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**Pacific** [Che91]. **Package** [DS84, Ste09a]. **Padé** [HS69b]. **Pair** [Ste16b]. **paper** [Ste87c]. **Papers** [Ste11a, GGL94]. **Parallel** [BCcC+88, GSV86b, OS86, OSvdG86, OSvdG89, Ste86b, Ste88b, OS85, OPSW86, Ste87d, Ste94i, Wou89]. **Parametric** [HS72]. **Park** [Ste96]. **pars** [GS95]. **part** [GS95, MP93]. **participatory** [Ste87c]. **partitioned** [Ste82]. **Passing** [OSvdG86, Ste90a]. **Pencils** [KR83, SS93, Ste94h]. **Penrose** [SS74]. **Performance** [ACM98, ICH84]. **Periodic** [HS72]. **Perturbation** [CPS96, CPS97a, CPS97b, Ste73b, Ste77b,

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