# A Bibliography of Publications of James H. Wilkinson

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## Abstract

This bibliography records publications of the late James H. Wilkinson.

## Title word cross-reference

**$3.70** [I.70]. $A$ [PW69]. $Au = \lambda Bu$ [PW74c, Wil77a]. $Ax = \lambda Bx$ [GUW70, GUW72, MW68a, MW71b, PW69, PW70a, Wil76]. $B$ [PW69]. $B\dot{x} = Ax$ [Wil77a]. $I - 2ww^H$ [Wil65e]. $LR$ [MW68d, MW71a, PW70b, PW71b, Wil65d]. $QL$ [BMRW68, BMRW71, DMW71, MW68c]. $QR$ [BMRW68, BMRW71, MRW70, MPW70, MRW71a, MPW71a, PW70b, PW71b, Wil65a, Wil65d, Wil68c, Wil69b]. $QZ$ [Wil78b, Wil79].

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**2** [Wil61e]. **22nd** [Jac78]. **25** [DHW90].

**6th** [Pow77].

**90s** [Wil70c].

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**C** [Par72]. **Calculation** [BW67, BMW71, MW67, Wil54a, Wil57b, Wil58b, Wil58a, Wil62b, Wil62c, Wil65c, Wil66b, MW71d, PW71a]. **Cambridge** [Wil67c]. **Canada** [ICM75]. **Canonical** [GW75, GW76, Wil78b, Wil78c, Wil79]. **Card** [FHW48b]. **Celebrating** [HH19a, HH19c]. **Centenary** [HH19a]. **Center** [dBG78]. **Century** [MHR80]. **Chicago** [MTTT63]. **Christian** [Mol22]. **Cie** [Wil62a, Wil63a]. **City** [MTTT63]. **Classical** [Wil74a]. **Clenshaw** [Bar02]. **Cleve** [Mol22]. **Close** [Wil67a, Wil68a]. **cm** [I.70]. **co** [RW61]. **co-diagonalization** [RW61]. **codebreaker** [Cop05]. **Codiagonal** [Wil57b, Wil58b]. **Coding** [Wil51b, Wil52, Wil55a]. **Coefficients** [OPW64, OPW65]. **Collection** [MHR80, Wil70b]. **Comments** [Wil71f, Wil87c]. **Complex** [BMPW66, MW68d, PW70b, BMPW71, MW71a, PW71b]. **Computation** [Cra87, GW75, GW76, Par72, Ral65a, Ral65b, Wil60a, CH90]. **Computational** [Wil70b]. **Computed** [DMW81, DMW83, PW74a, SW81a, Wil61f]. **Computer** [BN71, Cop12, NW85, Wil57a, WCK89, Cop05, RW61]. **Computers** [JRW62, Wil74e]. **Computing** [CGM+61, Cop05, DW59, DHW90, FGM+57, FGM+70, MW81, MHR80, Nas90, Wil48a, Wil48b, Wil51c, Wil57c, DHW92, HNW+48, MTTT63, Wil55b]. **Condition** [CMSW79, Wil86b]. **Conditioned** [GW75, GW76, PW79, Wil67d, Wil74d, Wil59a, Wil59b, Wil72b]. **conducted** [dBG78]. **Conference** [Cra87, HW76b, IP87, Jac76, Jac78, MW81, HHT19]. **Conferences** [WCK89]. **Congress** [ICM75]. **Considerations** [DHW90, DHW92].

**Construction** [Wil80b]. **Contribution** [Par90, Pow77, Par87]. **Convergence** [Wil65d, Wil68c, Wil69b, Wil62g]. **Copeland** [TW12]. **Cornelius** [Sca74]. **Corner** [Mol22]. **Coupling** [DGKW84b]. **cyclic** [Wil62g].

**D** [Wil67c, Wil70b]. **Data** [Wil51a]. **December** [Wil55c]. **Decomposition** [MW65, MPW65, Wil74f, Wil78f, MPW71c, MW71e, RR23]. **Defective** [SW81b]. **Defined** [OPW64, OPW65]. **Definite** [MW65, MPW65, MPW66, MPW71b, MPW71c, MW71e]. **Deflation** [PW74b]. **Design** [Wil51c, Wil57a]. **DEUCE** [Wil57d, Wil80b]. **Diagonal** [Wil62f, Wil67a, Wil68a]. **diagonalization** [RW61]. **Difference** [HW80]. **Differential** [HW80, Wil57e, Wil61c, Wil71a, Wil76, Wil77a, Wil78c]. **Digital** [JRW62, Ral65a, Ral65b, Wil57a, Wil74e]. **Direct** [Wil61b, Wil67e]. **Discussion** [Wil71a, HNW+48, Wil69b]. **divisors** [Wil84a]. **double** [RR23]. **Dr.** [Fox87b, Pow77]. **Drazin** [Wil78d, Wil82]. **Durand** [Wil62a, Wil63a].

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**F.R.S.** [Fox87b]. **Facilities** [Wil57c]. **Fastest** [Cop12]. **Feingold** [Wil87b]. **fifteenth** [MTTT63]. **Fifth** [HW76b]. **Finding** [Wil55d]. **Finite** [HW80]. **first** [Ash87]. **Floating** [Wil60a, Wil63c]. **Floating-Point** [Wil60a, Wil63c]. **Ford** [PW74b]. **Foreward** [FW75]. **Form** [GW75, GW76, MW68a, MW68b, Wil62f, Wil78b, Wil78c, Wil79, MW71b, MW71c, Wil65e]. **Forms** [Wil58d, Wil59c, Wil68b]. **Forsythe** [Bar02]. **Francis** [Wat11].

**G** [I.70, Wil67c]. **Gauss** [PW75]. **Gaussian** [OW82]. **General** [MW68b, MW71c]. **Generalization** [Wil70d]. **Generalized** [PW70a, PW74c, Wil77a]. **German** [I.70]. **Gerschgorin** [HVW70]. **Givens** [RW61, RW62, Wil57b]. **Gladwell** [Wil67c]. **Global** [Wil68c, Wil69b]. **Goos** [I.70]. **GPO**

[Wil51a]. **Great** [Wil57c]. **Gregory** [Wil70b].

**H** [CDD87, Eva76, Fox87b, Gra66, HH19a, Par66, Par87, Par90, Par72, Pow77]. **Handbook** [Wil70c, Wil74b, Par72]. **Hardy** [Fox87a, HH19c, Cle04]. **held** [IP87, Jac76, Jac78, MTTT63, Pow77]. **Hermitian** [DGW82, DGKW84a]. **Hessenberg** [MW68d, MW68b, MPW70, MPW71a, MW71a, MW71c]. **high** [MTTT63]. **Highlights** [HHT19]. **History** [Cra87, MHR80, Nas90]. **Hoffman** [Wil70d]. **honour** [Sca74]. **Householder** [Wil78a, MRW68, MRW71b, RW62, Wil60b, Wil62e, Wil75a]. **HSNC'87** [Cra87]. **Hyperbolic** [Wil57e, Wil61c].

**II** [Par72, Wil63a, Wil59b, Wil71c, Wil86c]. **II.** [Wil51c]. **Ill** [GW75, GW76, PW79, Wil67d, Wil74d, Wil86b, Wil59a, Wil59b, Wil72b]. **Ill-Condition** [Wil86b]. **Ill-Conditioned** [GW75, GW76, PW79, Wil67d, Wil74d, Wil59a, Wil59b, Wil72b]. **Illinois** [MTTT63]. **IMA** [IP87]. **IMA/SIAM** [IP87]. **Implicit** [MW68c, DMW71]. **Improving** [DMW81, DMW83]. **Including** [DGKW84b]. **Inclusion** [HVW70]. **Infinite** [Wil57h]. **Instability** [Wil62f]. **International** [ICM75]. **Interpolation** [CS20, Wil67f]. **Interview** [Eva76]. **Introduction** [Wil71c, Wil71b, TW12]. **Introductory** [Wil71d, Wil71a]. **Invariant** [DHW90, PW74a, SW81a, Wil75b, DHW92]. **Inverse** [PW79, Wil72a, Wil74d, Wil78d, Wil82, PW71a, Wil62c]. **Inverses** [PW70c]. **Inversion** [DGKW84b, Wil61b, Wil70c]. **Inverting** [Wil74g]. **Iteration** [PW79, Wil72a, Wil74d, PW71a, Wil62c]. **Iterative** [GW66a, GW66b, HW76a, MPW66, MPW71b, Wil55d].

**J** [Fox87b, Gra66, Par66, Par72, Pow77]. **J.** [Eva76, I.70, Par87, Par90]. **Jack** [TW12]. **Jacobi** [Wil62g]. **James** [Cle04, CDD87, Fox87a, HH19a, HH19c]. **Jersey** [Cra87, MTTT63]. **Joan** [Wil70c]. **John** [Wil70b, Wil70c]. **Joint** [IP87]. **Jordan** [GW75, GW76, PW75]. **July** [Pow77].

**Karney** [Wil70b]. **Kronecker** [Wil78b, Wil78c, Wil79].

**L** [Wil67c, Wil70b]. **Laboratory** [DW59, Wil48a, Wil55a, Wil58c, Wil72c, Wil80b, Wil05, Wil12]. **Lamé** [Wil65c]. **Lanczos** [GUW70, GUW72, Sca74, Wil57b, Wil58a]. **LAPACK** [DHW90]. **Large** [Wil63b]. **Large-Scale** [Wil63b]. **Latent** [Wil54a, Wil55d, Wil57f]. **Least** [GW66a, GW66b, PW70c, Wil71b]. **lecture** [TW05, TW12]. **Lectures** [Ash87]. **Letter** [RW62]. **level** [RW61]. **Linear** [BMPW66, FHW48b, HW76a, HW80, HHT19, OPW64, OPW65, Par72, Wil54b, Wil57g, Wil60c, Wil61d, Wil67d, Wil67e, Wil67f, Wil70c, Wil71b, WR71, Wil74a, Wil74c, Wil74e, Wil74g, Wil76, Wil77b, Wil77c, Wil78c, Wil78e, Wil86b, BMPW71, FHW48a, Wil80a]. **Loading** [Wil57h]. **Logical** [Wil51c]. **London** [Wil67c, Pow77]. **Ltd** [Wil70b].

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**S** [Wil67c, Wil75a, Wil78a]. **S.O.R.** [HW76a]. **Scale** [Wil63b]. **scheme** [RW61]. **Scientific** [Cra87, JRW62, Nas90]. **Secular** [DGKW84b]. **Sensitivity** [Wil84b, Wil86c]. **September** [Fox87a, Jac78, Wil55c]. **series** [Bar02, TW05, TW12]. **Sharply** [OPW64, OPW65]. **Shifts** [Wil68c]. **SIAM** [IP87]. **Significance** [Wil78d, Wil82]. **Similarity** [MW68b, MW71c, Wil58d, Wil59c]. **Simple** [SW80a, SW80b]. **Simultaneous** [FHW48b, FHW48a]. **Single** [Wil77c]. **Single-Precision** [Wil77c]. **Singular** [RR23, Wil74f, Wil78f]. **Singular-Value** [Wil78f]. **sobstvennyh** [Wil70a]. **Society** [MTTT63]. **Software** [Eva74, Jac78]. **Solution** [BMPW66, BMPW71, FHW48b, GW66a, GW66b, MPW66, MW67, MW71d, PW71c, PW74c, Wil60b, Wil67d, Wil67e, Wil70c, Wil74a, Wil77c, FHW48a, MPW71b]. **Solutions** [OPW64, OPW65, Wil62a, Wil63a]. **Solving** [DGKW84b, Wil60c, Wil74g]. **Some** [PW74c, Wil71f, Wil77b, Wil80a, Wil87c]. **Sons** [Wil70b, Wil70c]. **Special** [CDD87]. **specified** [PW71a]. **speed** [MTTT63]. **Spin** [DGKW84b]. **Springer** [I.70]. **Springer-Verlag** [I.70]. **Square** [GW66a]. **Squares** [GW66b, PW70c, Wil71b]. **Stability** [PW75, Wil58d, Wil59c]. **Standard** [MW68a, MW71b]. **State** [Wil84c, Wil85, Jac76, IP87]. **store** [RW61]. **Stream** [Wil57h]. **Structures** [BN71]. **Struggle** [Cop12, Cop05]. **Studies** [Gol84, Sca74]. **Subsonic** [Wil57h]. **Subspaces** [DHW90, PW74a, SW81a, Wil75b, DHW92]. **Successive** [Wil67f]. **Survey** [Wil68e]. **Sussex** [Jac78]. **SVD** [Mol22]. **Symmetric** [BW67, BMRW68, GUW70, GUW72, MW65, MPW65, MW67, MW68a, MPW71c, MW71e, PW69, PW74c, Wil65a, BMW71, BMRW71, MRW68, MRW70, MRW71a, MRW71b, MW71b, MW71d, RW61, Wil62b, Wil62c, Wil62e]. **Symmetry** [DGW82, DGKW84a, DGKW84b]. **Symposium** [MTTT63, Pow77, dBG78]. **System** [MPW66, Wil55a, Wil77a, MPW71b]. **Systems** [BMPW66, DGKW84b, HW80, OPW64, OPW65, Wil71b, Wil74a, Wil74g, Wil77c, BMPW71].

**T** [Wil70b]. **Techniques** [Wil62d]. **tenth** [MW81]. **Test** [Wil74g]. **Testing** [Wil70b]. **their** [Wil55b]. **Theorem** [HVW70, Wil70d, Wil87b]. **Theory** [Wil72a]. **Time** [DGW82, DGKW84a, DGKW84b]. **Time-Reversal** [DGKW84a, DGKW84b]. **Transformations**

[Wil58d, Wil59c, Wil62d, Wil65e]. **translated** [I.70]. **Tri** [Wil62f]. **Tri-Diagonal** [Wil62f]. **Triangular** [Wil58d, Wil59c]. **Triangularization** [PW70b]. **triangularizations** [PW71b]. **Tridiagonal** [BW67, Wil68c, BMW71, Wil62b, Wil62c]. **tridiagonalization** [MRW68, MRW71b]. **Turing** [Ano12, Ash87, CK12, Cop05, Cop12, TW05, TW12, Wil80b]. **Twentieth** [MHR80]. **twenty** [Ash87]. **Two** [Wil67f, RW61]. **two-level** [RW61].

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