A Complete Bibliography of Publications of Beresford N. Parlett

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Abstract

This bibliography records publications of Beresford N. Parlett.

Title word cross-reference

$(A - \lambda M)x = 0$ [NNOP86]. $(K - \lambda M)z = 0$ [Par80a, Par81d]. 2 [PH91, PH92, PH94]. **$24.80** [Par79]. 3 [ZPP05a, ZPP05b]. $AX = b$ [Par81c]. *dqds* [PM00, PM02]. *Eig*3 [For64]. exp(Bt) [PN85]. K [Par80a, Par81d]. LDL^{t} [Par00b]. LR [FP09, GP11, Par64a]. LU [Par67a, PP73]. M [Par80a, Par81d]. $N \times N$ [Par69]. Eig [Var66]. qd [FP92a, FP92b, FP93a, FP93b, FP94, GP11, PF94a, PF94b, Par95, PF95, Par97]. QL [PH78]. QR [LP88, Par65a, Par67a, Par67d, PK69, PL93, Par00a, Par66d, PP73]. T [Par00b]. φ [Koi09].

-functions [Koi09].

16th [Par79]. **1968** [Mor69]. **1972** [Gre72]. **1975** [BR76]. **1981** [GL82]. **1985** [GL86]. **1987** [GGMP88]. **1990** [Alb91]. **1992** [MGD93, RRV93]. **1993** [BCEP94]. **1995** [Ise95]. **19th** [Par79].

205 [NNOP86, PNON84]. **25-March** [Alb91]. **26** [HP92b]. **2e** [Abs80]. **2nd** [Abs80].

517 [CFP77].

68077a [HP92b]. **68077b** [HP92b].

880 [MVDP09]. **89** [KvSR90]. **894** [Koi09].

94e [HP92b].

= [Abs80, Alb91].

Accuracy [DMPV07a, Par66b, DMPV08, Par05]. **Accurate** [BP00, FP92a, FP92b, FP93a, FP94, MNP83, MNP84, PN86, BPV00, BP03, BPV06, PN85]. **Acta** [Ise95]. **Advanced** [MGD93]. **ahead** [PT81b, PTL84, PTL85]. **Algebra** [Lew94, MGD93, WR71, RRV93, SP09]. **Algebraic** [Par66a]. **ALGOL** [For64, Var66]. **Algorithm** [DPV04, DPV05, LGP14, MPV05, Par64b, Par68, PH78, PS79, PR81, PSS82, Par90b, Par94, Par00a, Par02b, PV04, BEK97, DH03, DPV06, FP09, HP77, HP78, Koi09, MPV06, Par65a, Par66c, PK69, PS77, Par80b, PT81b, PNO82a, Par82a, PTL84, PN85, PTL85, Par87b, PC90a, PM00, PM02, RBS66, CFP77, Koi09, MVDP09, Par67d]. **Algorithms** [CW85, FP92a, KP74, Par71, PNOJ85, BOW77, FP92b, FP93a, FP93b, FP93c, FP94, FP95, GP11, Par67a, Par95]. **allow** [LP08]. **Amer** [HP92b]. **Among** [Par76a, PNOL88, Par92b]. **AMS** [RSS96]. **Analysis** [KP74, Par71, Par90a, BOW77, GP90, NN94, Par77c, Par78, Par79, Par81b, Par87a, RSS96, SCI$^+$96, WG96]. **Analytic** [Par81c]. **anyone** [Par67b]. **Application** [PD97]. **Applications** [MGD93, Par62, Num85, SP86, Par74a]. **Applied** [GL84, Lew94, Par64c, RSS96, GL82, GL86]. **approaches** [PH96]. **Approximate** [KPJ82, PPV93, PPv95]. **Approximation** [BIP97]. **Argonne** [BR76]. **art** [Par87c]. **Assigned** [KPRV97]. **augmented** [BPW05]. **August** [MGD93, Mor69, RSS96]. **automated** [Ard80].

B [HP92b, Par81a]. **Balancing** [PR69]. **Based** [Par92c, TW92, HP92b, Koi09, Par89]. **Basic** [Par68, Par92c, HP92b, Par89]. **be** [Ard80, Par72]. **Behandlung** [Alb91]. **Belgium** [MGD93]. **Beresford** [Bun95]. **Berlin** [Par79]. **bidiagonal** [Par05]. **bidiagonals** [Par97, Par98a]. **Bisectors** [Par71]. **black** [PNO89]. **Block** [PS87b, SP86, SP88, Koi09]. **blocks** [Par77b, PN87]. **Book** [Par66a, Par74a, Par79, PT81a, Par81a, Par10]. **Bound** [PNO85, PNO83]. **Bounds** [KPJ82, PPV93, PPv95]. **box** [PNO89].

Budde [Par64b]. **Bull** [HP92b]. **Bunch** [Par81a]. **Bundles** [Par62].

C [Par81a]. **CA** [BBG+95]. **calcul** [Par73a]. **calculation** [PR69, Par73a]. **calculations** [PH91, PH92, PH94]. **Calculator** [KP77, KP78b]. **Can** [KP77, KP78b, Par72, PV04, Ard80]. **Canonical** [Par67c]. **Carolina** [BCEP94]. **case** [PM00, PM02]. **Centenary** [BCEP94]. **Center** [Gre72]. **century** [Par79]. **Certification** [Var66]. **Chaussées** [GGMP88]. **Chislennye** [Par83a]. **choice** [NNOP86]. **Cholesky** [EM95, FP93c, FP95, GP88, GP90]. **Circle** [Par09a]. **circulants** [Par82b]. **City** [RSS96]. **clustered** [Par96a]. **Clusters** [PV04, Par96c]. **Communication** [GP88, GP90]. **Comparison** [NOPR88, PNOR87]. **Compiler** [PW75, PW77]. **complementary** [Par09a]. **Complex** [PS85, PS87a]. **Complexity** [Par92c, TW92, HP92b, Par81c, Par89]. **Computation** [GOP+79, GOP+80, MNP84, Par74c, RRV93, SP86, SP88, CH90, MNP83, PN86, PS87b, RGO+79, SCI+96, Par09b]. **computational** [BOW77]. **Computations** [BR76, CW85, MPV05, MPV06]. **compute** [CFP75, DP04a, PF75]. **computer** [Ard80]. **Computers** [PNOJ85, RW67]. **Computing** [BBG+95, BPS94, CFP77, GL82, GL84, GL86, Nas90, CFP75, DH03, NN94, PNON84, PC88, PC90b, RBS66, GL82, GL86]. **Condition** [CFP77, CFP75]. **conducted** [Gre72]. **Conference** [BBG+95, BCEP94, Lew94, RRV93]. **Congrès** [Abs80]. **Congress** [Abs80, Mor69]. **Conjugate** [NOPR88, LP08, PNOR87]. **Construction** [KPRV97, Par96c]. **Contribution** [Par90a, Par87a]. **converge** [PL91]. **Convergence** [FP09, Par65a, Par66c, Par68, PH78, BP66, HP77, HP78, PK69, Par67d]. **Cornelius** [BCEP94]. **Correction** [Par67d]. **COSERS** [Ard80]. **Cost** [PW75, GP88, PW77]. **Count** [KP77, KP78b]. **CYBER** [NNOP86, PNON84].

D [BIP97, PH91, PH92, PH94, ZPP05a, ZPP05b]. **damped** [PC88, PC90b]. **dans** [Abs80]. **December** [BCEP94, GL82, GL84, GL86]. **Decomposition** [BKP76, GGMP88, Par67c, EM95]. **Dedicated** [Bun95]. **Dedication** [GP91]. **Definite** [PR70, PKS02]. **deflation** [PS77]. **Design** [DPV04, DPV06]. **designed** [Par08]. **Detecting** [VP11]. **determinant** [Par02a]. **determines** [Par05]. **Development** [Par64a, PN85]. **Diagonal** [BPP81, Par77b, PN87, Par03b]. **diameter** [Par03b]. **difference** [Par66b]. **Differences** [MNP84, MNP83]. **Differential** [FP92a, FP93b, GGMP88, FP92b, FP93a, FP94, PF94a, PF94b, PF95]. **Digital** [RW67]. **Direct** [BP71]. **directions** [RGO+79]. **discovered** [GP11]. **Discriminant** [ZPP05a, Par02a]. **discussion** [PK69, SCI+96]. **dissipation** [Par66b]. **Divided** [MNP84, MNP83]. **Do** [Par94]. **Does** [SCI+96]. **Domain** [GGMP88]. **Donald** [Par74a]. **Dongarra** [Par81a]. **Double** [PD97]. **Doubly** [PL82, PL81]. **DQDS** [LGP14]. **dynamics** [Gre72].

Ecole [GGMP88]. **ed** [Par74a]. **Edinburgh** [Mor69]. **Editor** [Par67e]. **Editors** [HP92b]. **Effect** [NNOP86, PNON84]. **Efroymson** [PT81a]. **eigenpair** [MPV06]. **eigenpairs** [Par03a]. **Eigenproblems** [PR81, PTL84]. **Eigensolvers** [DMPV07a, DMPV07b, DMPV08, MVDP09]. **Eigensystems** [KPJ82]. **Eigenvalue** [BP00, CW85, For64, Par64c, Par65b, Par66a, Par80c, PT81a, PSS82, Par98b, PKS02, PV04, Var66, Alb91, BPV00, BP03, BPV06, NNOP86, NOPT80, NOPT83a, PPV93, PPv95, Par62, Par83a, PL92, Par10]. **Eigenvalues** [CFP77, Par67b, Par84, PNO85, CFP75, FPD12, Par67e, PR69, Par73a, PNO82a, Par83b, PNO83, Par87c, Par96a]. **Eigenvector** [PWW83, PW84, PDF16]. **Eigenvectors** [CFP77, DP02, DP03, DP04b, CFP75, DP04a, PR69, Par87c, Par96c, Par96b]. **Eigenwertaufgaben** [Alb91]. **Element** [NOP85, NOPR88, PNO82b, BOW77, LNOP82, NOPT83b, Par76b, Par77a, PNOL81, PNOR87]. **Elements** [Par76a]. **Engineering** [GL84, Abs80, Ard80, GL82, GL86]. **enlighten** [Par08]. **entertain** [Par08]. **entries** [Par03b]. **equation** [FPD95]. **Equations** [BP71, GGMP88, MMP11, PR70, Par74a, NOPT83b, Par80b]. **Ergodic** [Par70]. **Error** [PNO85, Par76b, Par77a, PNO83]. **estimate** [Koi09]. **Estimating** [PSS82]. **Explicit** [KPRV97]. **Exponential** [MNP84, MNP83, PN86]. **extracting** [Par87c]. **Extraction** [Par84, Par83b]. **Extremal** [BPS94].

F [HP92b]. **F2** [CFP77]. **factored** [Par03a]. **Factorization** [PW75, PD97, ZPP05a, GP88, GP90, PW77]. **Fail** [PV04]. **failure** [PL91]. **far** [KP76, KP78a]. **Fast** [LNOP82, PNOL81]. **Februar** [Alb91]. **February** [Alb91, BBG+95]. **Federation** [Mor69]. **Fernando** [PD97]. **Fields** [ZPP05a, ZPP05b]. **Fifth** [GL82, Lew94]. **Fill** [LNOP82, PNOL81]. **Fill-in** [LNOP82, PNOL81]. **find** [FPD95]. **finding** [Par67e]. **Finite** [LNOP82, BOW77, NOPT83b, Par76b, Par77a, PNOL81]. **Finite-element** [LNOP82]. **First** [GGMP88, GGMP88]. **Form** [PF75, PL82, Par92a, Par69, PL81, Par90c]. **Formulations** [BOW77]. **Forward** [PL93, LP88, PL91]. **Fourier** [Par82b]. **France** [GL82, GL84, GL86, GGMP88]. **Francisco** [BBG+95]. **Free** [LNOP82, PNOL81]. **French** [Par73a]. **frequencies** [PNON84]. **Frequency** [PH96]. **Fully** [Par94]. **Function** [MNP84, MNP83, Par72, Par03b]. **Functions** [Par74c, Par76a, Par09b, BEK97, DH03, Koi09]. **Future** [GOP+79, GOP+80].

G [PT81a, Par81a]. **Gaps** [DP02, DP03, DP04b]. **general** [Par10]. **Generalizations** [Par74b]. **generalized** [BPW05, RBS66]. **Geometric** [PP73, Par73a]. **géométrique** [Par73a]. **German** [KP78b]. **Germany** [BOW77]. **Gersgorin** [Par09a]. **Givens** [GP91]. **Global** [Par68, PH78, HP77, HP78]. **Glued** [DPV05, PV09]. **go** [KP76, KP78a]. **Goldstine** [Par79]. **GR** [Par10]. **Gradient** [NOPR88, LP08, PNOR87]. **Gram** [Par96b]. **growing** [PNO82a]. **Guide** [Par81a].

H [HP92b, Par66a, Par79, Par87a, Par90a]. **Hadamard** [Par96d, Par07]. **Heidelberg** [Par79]. **Herman** [Par79]. **Hessenberg** [Par66c, Par67c, Par68, Par73b]. **Hessian** [ZPP05a]. **Higham** [Par09b]. **History** [Nas90, Par79]. **hyperbolic** [Par05]. **hypercube** [GP88, GP90]. **Hyperdominant** [KPRV97].

IFIP [Mor69]. **Ihren** [KP78b]. **II** [Par62]. **Implement** [NOPEJ87, NOP84]. **Implementation** [DPV04, PNOJ85, PH91, DPV06, PM00, PM02]. **Implicit** [FP93c, FP95, PS77]. **Improved** [LGP14]. **Indefinite** [BP71, PC88, PC90a, PC90b]. **independence** [Par62]. **Independent** [MMP11]. **inequality** [EM95]. **Influence** [PW75, PW77]. **Information** [Mor69, Par92c, TW92, HP92b, Par89, Mor69]. **Information-Based** [Par92c, TW92, HP92b, Par89]. **Infrastructure** [DMPV07b, MVDP09]. **ingénieur** [Abs80]. **inner** [PC88, PC90a]. **Instability** [PL93, LP88, PL91]. **Institute** [MGD93]. **Interlacing** [HP92a, HP91]. **International** [Abs80, BP00, BCEP94, GL82, GL84, GL86, GGMP88, KvSR90, Mor69, Abs80]. **Invariant** [Par66d, Par96a, VP11]. **Inverse** [PDF16, Koi09, RBS66]. **Invert** [PS87a, PS85]. **Ising** [PH91, PH92, PH94]. **issue** [BP03, BPV06]. **Iteration** [Par74b, NOPT80, NOPT83a]. **Iterations** [PP73, LP08].

J [BIP97, HP92b, Par66a, Par74a, Par81a, Par09b]. **J.** [GP91, Par87a, Par90a]. **January** [GGMP88]. **July** [RSS96]. **June** [Gre72, Lew94].

Kahan [Bun95]. **Kent** [RRV93]. **Können** [KP78b]. **Kostant** [SP09]. **Krylov** [Par10, PPV93, PPv95].

Laboratory [BR76]. **Laguerre** [Par62, Par64c]. **Lanczos** [BCEP94, CW85, KP74, KP76, KP78a, NOPT80, NOPT83a, NOPT83b, NOPR88, PS77, Par80b, PT81b, PR81, Par82a, PNOJ85, PNOR87, Par87b, PNOL88, PNO89, PC90a, Par90b, Par92b, Par94, PS79, PSS82, PTL84, PTL85]. **LAPACK** [DMPV07a, DDP$^+$07, DMPV07b, DMPV08]. **Large** [CW85, MGD93, PR81, Par80a, Par81d, PTL84, Par74a]. **Largest** [PSS82, PKS02]. **Letter** [Par67e]. **Leuven** [MGD93]. **Libraries** [DDP$^+$07]. **Lie** [SP09]. **Linear** [BP71, Lew94, MMP11, PR70, Par74a, SP09, WR71, BPW05, Par62, Par80b, RRV93, MGD93]. **Lines** [ZPP05a]. **LINPACK** [Par81a]. **Localization** [VP11]. **look** [Par80b, PT81b, PTL84, PTL85]. **look-ahead** [PT81b, PTL85].

M [Bun95]. **M.** [BIP97]. **Madison** [Gre72]. **maintain** [PNOL88]. **maintaining** [Par92b]. **March** [Alb91, RRV93]. **marriage** [Par72]. **März** [Alb91]. **Math** [HP92b]. **Mathematical** [PW75, RW67, PW77]. **Mathematics** [Gre72, Par79, RSS96]. **Matrices** [BPS94, DPV05, KP74, KPJ82, KPRV97, Par66d, Par67c, Par68, Par74a,

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N [Bun95, HP92b]. **N.S** [HP92b]. **National** [BR76]. **Nationale** [GGMP88]. **NATO** [MGD93]. **natural** [PNON84, PC88, PC90b]. **nature** [RGO+79]. **Nearly** [PH97]. **need** [SCI+96]. **Newton** [NOPT83b]. **Next** [DDP+07]. **Nicholas** [Par09b]. **no** [HP92b]. **nonlinear** [NOPT83b]. **Nonnormal** [KPJ82, Par74b]. **nonsymmetric** [LP08]. **norm** [EM95]. **Normal** [Par73b]. **North** [BCEP94]. **Note** [Par64b, GP90]. **Notes** [For64, Par64b, Par66d, Par67c, Par69, Var66]. **number** [Par69]. **Numbers** [CFP77, CFP75]. **Numerica** [Ise95]. **Numerical** [Abs80, GOP+79, GOP+80, Par83a, Par90a, RRV93, RGO+79, WG96, CH90, Par77c, Par78, Par79, Par81b, Par87a, RSS96, SCI+96, Alb91, Par10, RRV93]. **numériques** [Abs80]. **Numerische** [Alb91].

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PA [Par09b]. **Panel** [SCI+96]. **Papers** [For64, Par64b, Par66d, Par67c, Var66]. **Parallel** [BBG+95, PF94a, GP90, NN94]. **parallelization** [BEK97]. **Paris** [GGMP88]. **Park** [RSS96]. **Parlett** [HP92b, BEK97, Bun95, DH03, EM95, For64, Koi09, Var66]. **Partial** [GGMP88]. **Particular** [PW75, PW77]. **Past** [GOP+79, GOP+80]. **pencils**

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Q [Par66c]. **Q-R** [Par66c]. **QL** [HP77, HP78]. **QR** [Par68, PL91, Par02b]. **Quotient** [Par74b].

R [Par81a, Par66c]. **Raleigh** [BCEP94]. **Ralph** [Par74a]. **Rayleigh** [Par74b]. **Real** [MGD93, PS87a, PDF16, Par67e, PF75, PS85]. **Real-Time** [MGD93]. **Realizations** [Par92a, Par90c]. **Rechner** [KP78b]. **Recollections** [Par08]. **Recurrence** [Par76a]. **reduced** [PH97]. **Reduction** [Par90c, Par92a]. **redundant** [FPD95]. **Refined** [HP91, HP92a, PNO85, PNO83]. **Reflections** [Par71]. **Reflectors** [SP88, PS87b, SP86]. **Reid** [Par74a]. **Relative** [DP02, DP03, DP04b, Par05]. **Relatively** [PD00]. **Reliable** [CH90]. **remarks** [HP92b]. **replace** [Par00b]. **Report** [GOP+79, GOP+80]. **representation** [PH91]. **Representations** [PD00, DP04a, PH92, PH94]. **required** [Par69]. **Research** [GOP+79, GOP+80, Gre72, Ard80, RGO+79]. **Residual** [KPJ82]. **response** [PH96]. **result** [Par09a]. **Revelations** [DP10]. **Review** [Par66a, Par74a, Par79, PT81a, Par81a, Par09b, Par10]. **rewards** [Par92b]. **Ritz** [PS08]. **Robust** [PD00]. **Rose** [Par74a]. **Roundoff** [Par76b, Par77a]. **Russian** [Par83a].

S [PT81a]. **saddle** [LP08]. **San** [BBG+95]. **ScaLAPACK** [DDP+07]. **Scale** [MGD93]. **Scaling** [PL82, BPP81, PL81]. **Scene** [Par84, Par83b]. **schemes** [Par66b, Par82a]. **Schmidt** [Par96b]. **Schur** [DH03, Koi09, PF75]. **science** [Ard80]. **Sciences** [GL84, Par79, Abs80, GL82, GL86]. **Scientific** [BBG+95, Nas90, RRV93]. **Second** [MMP11]. **Second-Order** [MMP11]. **Selective** [PS79]. **semi** [PNOL88, Par92b]. **semi-orthogonality** [PNOL88, Par92b]. **Seminar** [RSS96]. **Sensitivity** [FPD12, Par98a]. **sep**

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