

A Complete Bibliography of Publications in *Linear Algebra and its Applications*: 1970–1979

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: beebe@math.utah.edu, beebe@acm.org,
beebe@computer.org (Internet)
WWW URL: <https://www.math.utah.edu/~beebe/>

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Title word cross-reference

$(AB)^+ = B_{mr}^- A_r^-$ [WHG79]. $(A \times I + I \times B)x = g$ [LNPU73]. $(Ay = \lambda By)$ [TW72]. (k) [Cha79]. (k, n) [MT79]. $(n - 1)$ [Kap72]. $(v, q + 1, 1)$ [Qua75]. $-1 - \sqrt{2}$ [Hof77]. 0 [HP78, JGK79]. 1 [Har75b, HP78]. 2 [Har75b, Sto79]. 2×2 [Est79, Tau75, Win71a]. 3×3 [AYP79, BC77]. 2 [Coh78]. n [Cou73]. A [Nic79]. $A^2 = dI + \lambda J$ [Lam75]. $A^2 = J$ [Rys70]. $AB + BA$ [Nic79]. $AH + HA^* = A^*H + HA = I$ [GG77]. $AX - YB = C$ [BK79a]. $AX = B$ [Por76, PM79]. $AXC = B$ [PM79]. B [Nic79]. BA^+C [Har75b]. C [GS79]. C^2 [Fer78a]. D [Dat78c]. ϵ [Bre74, Bre75]. G [CV73a, CV73b, CV74]. γ [Mey70]. $GF(q)$ [Qua75]. $GF(q)[x]/(a(x))$ [Cla78a]. H [Pan79b]. $h(T)(x)$ [LV75, LV76]. k [Bea70, Chr79, GS76, Smi77]. L [Rya79, Tho70]. Λ [BK79b, Mar79c]. $\lambda = 1$ [Doo75]. LU [Cry73]. M [Mar79b, NP79, Rot79a, Smi79, wK77a, wK77b, MS78, Ple76, Ple77, Rag78, Wat72, Wil77, BM76, JGK79]. $M = (AD; BC)$ [HM75]. n [Dav79, Kap72, MR73, Pin79]. $n \times n$ [BCL75]. ω [Var77]. P [GZ79a, MR73, Hed75, HW79b, Laf75]. $P^*KP + L$ [Ber74]. Q [KW79].

$Q(h(T)(x))$ [LV75, LV76]. $Q(x)$ [LV75, LV76]. qd [Hou71b]. QR [DT71, Gen75]. QZ [Wil79]. r [Kim75]. R^n [O'B75, Uhr77]. S [MR73]. $SA + A^*S = S^*B^*BS$ [CD79]. $TA - BT = C$ [Hea77]. τ [Var77]. $TB + CT = -A$ [HW79c]. $XA + AY = F$ [HMW79]. Z [Pan79a]. $\|A^{-1}\|_\infty$ [Var76a].

-algorithm [Bre74, Bre75]. **-BIBD** [Qua75]. **-bundles** [Coh78]. **-characters** [Cha79]. **-circulant** [Smi77]. **-dimensional** [MR73]. **-factorization** [Cry73]. **-functions** [Rya79, CV73a, CV73b, CV74, MR73]. **-gons** [Dav79]. **-inverses** [Mey71]. **-matrices** [KW79, Mar79b, Mar79c, NP79, Pan79b, Rot79a, Smi79, Var77, GZ79a, wK77a, wK77b, MS78, Pan79a, Ple76, Ple77, Rag78]. **-matrix** [But72, Ple77, Wat72, Wil77]. **-measure** [Chr79]. **-Minors** [Hed75]. **-numerical** [GS76, GS79]. **-orthogonal** [BK79b]. **-potent** [Kim75]. **-Square** [Kap72]. **-stability** [Dat78c]. **-symmetric** [JGK79]. **-Widths** [Pin79].

1977 [Ano77i]. **1978** [Ano78k].

A. [Ste79c]. **Abschätzung** [Sch78]. **absolute** [Fri79, Par79, Tho71]. **Accurate** [Mat75]. **achieves** [Hed75]. **actions** [Hof76b]. **Addendum** [Ano74a]. **addition** [MT75]. **Additive** [Tau75]. **ADI** [LNPU73]. **adjoint** [Djo73]. **adjoints** [Hal71]. **affine** [Hof76b, Put79]. **afforded** [IM79]. **Alg** [Lon79]. **algebra** [Ano79k, Hol79, Laf79, Lyl78, Mer78]. **Algebraic** [BS75, Bri78, Rot75, Els79, Lyl78, Win71b]. **algebras** [Djo75, Hir74, Ion76, Kah71, LC70, MM72a, O'R77, Rob75]. **Algebren** [Hir74]. **Algorithm** [DT71, Bal71, Bre74, Bre75, CGG77, DD76, GM73, Gre73, Hou71b, Hu70, Wil79]. **algorithmes** [Mor76]. **algorithms** [DD75, Els79, Mor76]. **Almost** [Pad76, Ruh75]. **ALPS** [BW78]. **Alston** [Ano77a, Ano78a, Wil75a]. **alternative** [Mey78b, Mih71]. **Among** [Par76]. **analogue** [Bar75]. **Analysis** [Gen75, GLR78a, GLR78b, DR76, Sty73]. **Analytic** [HP79b]. **angles** [CP79]. **anisotropic** [Hea75]. **Announcement** [Ano77b]. **Antiderivations** [MM72a]. **antisymmetrien** [Bod79]. **antisymmetries** [Bod79]. **application** [BK73, Kru77, Ros76a, Sil70, Usm71, Wii78]. **Applications** [Bre76, Lan77a, Lan77b, Mer78, Van71, And79a, BBI73, Bri78, DD76, Fan75, FL74b, Neu78]. **approach** [Dav77, Ger77, Hoc70, Naz77, Par70, Pul71]. **approximate** [Kov76]. **approximation** [Sta75]. **Arbitrary** [Hua78, Sch79, Deu71, Fre73, Joh71a]. **Archimedean** [Bye70]. **Area** [Smi71]. **arguments** [Var76a]. **arising** [Law75]. **arithmetic** [Kru77]. **Arnold** [Was77]. **arrays** [Kru77]. **Artinian** [McD78]. **assignment** [BL78, Cru79]. **Associated** [Var73, CF79, Mer71]. **asymptotic** [Hu70, Was77]. **August** [Ano77i]. **Author** [Ano70a, Ano71a, Ano73a, Ano73b, Ano75a, Ano75b, Ano75c, Ano76a, Ano76b, Ano76c, Ano77c, Ano77d, Ano77e, Ano78c, Ano78d, Ano78b, Ano78e, Ano78f, Ano79a, Ano79b, Ano79c, Ano79d, Ano79e, Ano79f].

automatic [Ban79]. **automorphism** [Hor78b]. **automorphisms** [Est79, Gil77]. **averaging** [Fla74]. **Award** [Ano77a, Ano78a, Wil75a].

B [Lee75, SS73]. **B-splines** [Lee75, SS73]. **Banach** [Kov74, Kov75, Vid76]. **Band** [GT79, Met73, Usm71, YI79]. **Bandmatrizen** [Met73]. **based** [Fre73]. **bases** [Bra70]. **basic** [Gib76, Naz77]. **be** [Far77]. **behavior** [Cam79, Tho76b]. **Best** [JO75, LNPU73]. **between** [BK79b, Djo73, Djo75, FO78, Hor75, Par75, Sin79, Var73, Vit79]. **BIBD** [Doo75, Qua75]. **bilinear** [AS79, BD78, Laf75, Zel79b]. **biquadratic** [Cal73, Cho75b]. **birth** [HM70]. **Block** [Eis73, Eis76, Kos78, Uhl73, Bar76, Pow76, Sha79, Smi77]. **block-partitioned** [Bar76]. **blocks** [Hal76b, RR73]. **blocs** [RR73]. **board** [Ano72, Ano73d, Ano74b, Ano75d, Ano76d, Ano77f, Ano77g, Ano78g, Ano70b, Ano71b, Ano73c, Ano75e, Ano75f, Ano76e, Ano76f, Ano77h, Ano78h, Ano78i, Ano78j, Ano79g, Ano79h, Ano79i, Ano79j]. **Boolean** [FG77, Gra75, KR78, KR79a, RR75, Rob78a, SS76]. **booléens** [Rob78a]. **bordered** [Hal76b]. **Bound** [Sch70, Var75]. **boundary** [MF78, Nat73, Usm71]. **Boundedness** [Wil70]. **bounding** [Var76a]. **Bounds** [BG74b, BG76a, Fie72, FM78, Joh74b, Rob73, Ste79b, TW78, Wil75b, Bye70, Nic79, Nwo78, Pat76, vLvEB78, FL74a]. **Bruijn** [HP79a]. **bundles** [Coh78]. **burst** [SD77].

calculating [Els76b]. **calculation** [Tch79]. **calculations** [TW72]. **Calculus** [Dav73, Sil70]. **Camion** [Lev72a]. **can** [Heu73]. **Canonical** [Hol79, Uhl76, Van79, Hea73, Hoc70, Oko79, Was77, Wil79, GLR78a, Joh74a]. **capacity** [Ste77]. **Cardinal** [LS73, SS73, Lee75, LS73]. **cas** [RR73]. **case** [Joh74a, RR73]. **Cauchy** [Mar79a]. **Cayley** [Fan72]. **central** [Cat78, Weh77]. **centralizer** [Smi74, Smi76]. **centrosymmetric** [CB76, Cru77, PBA73]. **certain** [And79a, And73, Bar76, CPW74, Doo70, HW79a, Hil77, Joh74b, Kan78b, Pad76, Par75, PR77, Sin77, Sto79]. **chain** [Sta75]. **chains** [Har75a, Paz75]. **change** [BM79]. **Chaotic** [Don71, Rob76]. **chaotiques** [Rob76]. **characteristic** [Bax78, BG74b, BG76a, Ful73b, Ful79, KP74, Tho76c, Wii78, dO72, dO74]. **Characterization** [Cia70, Djo75, Ful73a, Cha75, Cru75, Doo75, Fri79, Pan79b, RS74, Rot79b, Uhr77]. **characterizations** [DC79, Els76a, Fun79, Kan78a, Ple77]. **characterizing** [Doo70]. **characters** [Cha79, Fre73]. **Chebyshev** [Uhr77]. **Chipart** [Dat78a]. **circulant** [Sea79, Smi77, Zel79a]. **circulants** [Cha73, Lam75, Wan79]. **circular** [CP79]. **class** [Aba79, AT76, And78, AHS76, Cia70, Fer78a, Mee76, MW79, Moh76, vK70]. **classes** [Cha79, CHL70, Ful73a, Ful73b, MR73, Mul79, Reh77, Rot79b, BW78]. **classical** [Hoc70]. **Classification** [Djo78, Rot79a]. **classified** [FMKL79]. **Closeness** [Ruh75]. **codes** [SD77]. **coding** [Lyl78]. **Coefficients**

[Lan77a, Lan77b, Hol77, Hol78]. **Cohn** [Dat78b]. **collections** [CV74].
collineations [Cat78]. **column** [BC73, HP78]. **columns** [Mar79d].
Combinations [Maj79, Kap75]. **combinatorial**
 [Bri78, Cru77, Hof76a, Pad76, Par70]. **Common** [Bar77, Bar70, MB78].
commutative [BEK78, BG78, Chi77, Cou73, Est79, Gus79].
commutativity [Par75]. **commutators** [Max71, Rob71, Tau75].
commuting [Dav70, LNP71, Wat76]. **compact** [Gil77]. **companion** [Bar75].
Comparison [Sen75]. **Compatibility** [Kov76, Joh77b]. **Compatible**
 [Kov77]. **Complement** [Cot74, BJ78, Hay70, Wat72]. **complementarity**
 [Kan78a, Kan78b, Kos78, Mur72, Pan78]. **complementary** [Moh76, Mur72].
complements [And79b, Ost71]. **Completely** [Cho75a, Rag78]. **Complex**
 [KS78, Bar71, Cho75a, DR77, Heu73, KR73, Laf77, LC70, MN79, Sei74,
 Tho79b, Tho79c]. **complexity** [AS79, KR79a, Kru77, Win71b, vLvEB78].
Computation [Bre75, Van79, Laf75, Zel79b]. **Computational** [Law75].
computer [Tch79]. **Computing**
 [FG77, Hua78, DD76, HW79b, LNPU73, Ros76b]. **Concavity** [And79a].
concepts [Sch77]. **concerning** [Lev72b]. **Condition**
 [GJ70, Mar73, Sau77, FL74a]. **Conditions**
 [Dia79, Kwo77, dOdS79, Far77, Mar79c]. **cone**
 [Bar73a, BT73, Hor78b, Hor78a, Pan78]. **cones**
 [Bar73b, BL75, BF76, Bar78, BIL78, BBI73, HFP76, LS75, Mur72, O'B75].
congruence [Cai73, Joh74a, Ng76]. **conjecture** [KR79b, Lon71, Min79].
conjugacy [Roi78]. **Connection** [Var73, Els79]. **considerations** [Har77].
considered [Cla78a]. **Consistency** [vdSV79, Fan75]. **consisting** [Djo78].
Constant [Lan77a, Lan77b, FL74b, HP78, Sin77]. **constrained**
 [Mar79d, You79]. **constraint** [Wil70]. **constraints** [Far77]. **Construction**
 [GW76, Hea75, Hoc79, Ros76a, SS76]. **constructive** [Hoc70]. **containing**
 [MA79]. **Context** [San72]. **Context-free** [San72]. **continuant** [Hea70].
Continuity [CM75, Cam77]. **continuous** [Sta75]. **Contraction**
 [RR73, Rob76, Rob76]. **control** [FW74]. **controllability** [CH76, Wim74].
Convergence [Rob76, Naz75, Sto79]. **Convex**
 [BG76b, Eck75, Par70, Smi71]. **convexity** [AYP79, CF72, Fox78, Sau77].
copositive [CHL70]. **correcting** [SD77]. **Corrections** [Bre76]. **criteria**
 [Bal78b, CF72, Fer78a]. **criterion** [Dat78a, Laf79, Met73, Ng76]. **Cross**
 [Tam76, Tam75]. **Cross-Positive** [Tam76, Tam75]. **crypto** [Hol78].
crypto-unitary [Hol78]. **cryptocontractions** [Hol77]. **curious** [BK73].
curves [Hil77]. **Cyclic** [Dav79, ES73, FT79, Cha70, Fei77, Naz75, Ste77].

data [GW76, Hoc79, dBG78]. **death** [HM70]. **decomposable**
 [BH79, Dia79, Mer77, Min72, dOdS79]. **Decomposition** [Rad75, And74].
Decompositions [Gen75, Kru77]. **defined** [And74]. **définies** [Far76].
Definite
 [GV79, Ste79b, And79a, AY73, Bal70, Djo76, HW79b, Joh73, KP74, Nic79].
definiteness [AY75]. **degrees** [Car72]. **Dénes** [Gal78]. **density** [SD77].

dependence [Sil70, Ste77]. **derivative** [MSH77]. **derivatives** [DM78, Pao73a, Pao73b]. **designs** [Gra75]. **detection** [Met73]. **determinant** [AHS76, Bre76]. **Determinants** [Est79, Joh74b, Vit79]. **determined** [Web74]. **Deterministic** [Arn76]. **diagonal** [Ach78, BC77, BVW78, ES73, Neu79, PR77, Tho79c, TW78, Var76a, Var76b]. **Diagonalization** [Uhl73, Eis73, Eis76, Sha79]. **diagonals** [Pan79b, Sin77]. **Dieudonné** [Bre76]. **difference** [AG75, Ber75, Ber76, Cam79, CF79, FM78, Ros76a, Tur77, Lan77b]. **differences** [Vit79]. **Differential** [Lan77a, FL74b, Nat73, Was77]. **dilation** [Dav77]. **dimension** [BC75, Eck75, Gro77]. **dimensional** [AS73, Bar73a, Fei77, FO78, Moo74, MR73, Van76, Vid76]. **dimensions** [AH79, Ben70, Lon79]. **Diophantine** [CP79]. **Direct** [Oko79, O'R77, Par79]. **Dirichlet** [Olk79, Rya79]. **Dirichlet-type** [Olk79]. **disks** [JO75]. **Dissipative** [Tho75a, Fan72]. **distance** [FMKL79]. **Distortion** [Hol77, Hol78]. **distribution** [Arn76]. **d'itérations** [Rob76]. **divisible** [Far76]. **divisibles** [Far76]. **division** [DM79]. **divisor** [Bar70, MB78]. **Divisors** [GLR78a, GLR78b, Car72]. **Domains** [MA79, Zen77, vdS79]. **dominance** [Joh79, Neu79, Var76a, Var76b]. **double** [Max71]. **Doubly** [Ach78, Sin77, BG75, BW79, BG76b, Chr79, Fie72, Gib76, Gib78, Hed75, Joh71a, Joh74a, Lev72b]. **Drazin** [CM75, Cam77, CM78, Gre73, Ros76b]. **dual** [Aba79, BF76, BIL78, GP79, Gra75]. **duality** [Bal71, Bri78]. **Dulmage** [Kim79]. **D'Yakanov** [Ban79]. **dynamics** [Ros76a].

edges [Hof72]. **Editorial** [Ano72, Ano73d, Ano74b, Ano75d, Ano76d, Ano77f, Ano77g, Ano78g, Ano70b, Ano71b, Ano73c, Ano75e, Ano75f, Ano76e, Ano76f, Ano77h, Ano78h, Ano78i, Ano78j, Ano79g, Ano79h, Ano79i, Ano79j]. **effective** [Bal78b, Ng76]. **eigenelements** [Bre75]. **eigenproblem** [Wer70]. **eigenspaces** [Rot75]. **Eigenvalue** [Fri75, Fri77, Hil77, Nic79, Ste79b, Els79, Hal76a, Hof77, MN77]. **Eigenvalues** [CB76, Hof72, Pai74, Ruh75, Van71, Var73, Arn76, Ber75, Ber74, Doo70, Eis76, Fie72, FM79, HM70, KS78, Loe71, Mor76, Nwo78, Sch78, Sin79, Smi71, TF71, Tho76b, Ves79, Zen77, vK70, JO75]. **eigenvector** [Wer73]. **Eigenvectors** [And73, Hal71, CB76, FL74b, Sen75]. **eigenvektors** [Wer73]. **eigenwerte** [Sch78]. **Eight** [BP76]. **Einschließung** [Wer73]. **electrical** [AT76]. **Elementary** [GS77, Ber74, Car72, Dat78a, DB71, Joh77a, Kap72, vLvEB78]. **elemente** [Hir74]. **Elements** [Par76, Bal78a, HK76, Hir74, Mar79d, Smi74, Tho79c, TW78, Vit79, vK70, Joh71a]. **Elimination** [Coh74]. **embeddings** [DC79]. **Enclosure** [Wer73]. **endomorphisms** [MR76, Rob71]. **Eneström** [ASV79]. **entire** [MOV78]. **entries** [BVW78, IM79]. **Enumeration** [BC73, CH77, Ful73a]. **EP** [Bal75, Duk70, HK76, Mey70]. **Epimorphisms** [Pra76]. **EP_r** [Kat75]. **equal** [Ach78, Nic75, Wes72]. **equality** [Bal78a, Dia79, dOdS79]. **Equation** [Por76, BK79a, CD79, Hal79, HMW79, HW79c, Rys70, Spa78]. **Equations**

[Kov77, Lan77a, Lan77b, Van77, Vet75, Bar77, Ber75, Ber76, BBI73, Cam79, Chi77, Dau78, FL74b, FM78, GG77, GZ79b, Har78, Kov76, Nat73, OS72, PT79b, Rob76, Ros76a, Sha77, SW73, Was77, Rob76]. **equimodular** [Eng73]. **Equivalence** [Mul79, Ger77, GZ79b, Joh74a]. **Erdos** [HP79a, KR79b]. **Error** [Gen75, Rob73]. **errors** [SD77]. **Essentially** [Joh71a, Joh74a, Joh77a, Kel71]. **estimate** [Sch78]. **Estimates** [Coo75, Nwo78, Mat75]. **Euclidean** [BF76]. **evaluation** [BD78]. **exact** [FL74b]. **examples** [Sto79]. **exceeds** [Hof77]. **existence** [Bax78, HR74, Mar79d, Ptá76, TW72]. **Expansion** [Lan71]. **Expansions** [Tan75]. **Explicit** [Dav73, WHG79]. **exponent** [Cou73]. **expression** [Mey78b]. **extension** [GR79, GK76, Kim79]. **Extensions** [FO78, OP79, Uhl79, Dav76, Olk79]. **exterior** [MM72a, MR76, MA77]. **Extrema** [Ber74]. **Extremal** [BC75, Dav76, Mar75]. **Extreme** [HFP76, O'B75].

F [Min79]. **faces** [Bar73a]. **facially** [BIL78]. **Factorization** [LM78, LV75, LV76, Smi79, Wii78, Bos75, Cry73]. **factorizations** [Joh77a, wK77b, Naz77]. **Factorizing** [Fle76]. **factors** [Tho79a, Uhl74]. **faible** [RR73]. **families** [GK76]. **family** [AS79]. **faster** [HW79b]. **feasibility** [HP79b]. **Fiedler** [RS74]. **field** [BG75, Bos75, BCL75, Bra79, Ful73a, Gib76, LV75, LV76, MA79, Siz77]. **fields** [BM76, Cor75, Ful73b, Ful79, Joh71a, Mul79]. **Final** [Ano77a, Rot79b]. **Finding** [Van71]. **Finite** [Weh77, AS73, Bar73a, BCL75, BG78, Bra79, Cor75, Ful73a, LV75, LV76, Lon79, Moo74, Mul79, Sta75, Uhr77, Van76, Vid76]. **finite-dimensional** [AS73, Vid76]. **first** [Mey78b]. **five** [Usm71]. **five-band** [Usm71]. **fixe** [Rob76]. **fixed** [Rob76]. **fluid** [Ros76a]. **Form** [GLR78b, Uhl76, Van79, Dav76, Far77, GM73, Hea73, Hoc70, Wii78, Wil79]. **formal** [Hir74]. **formal-real** [Hir74]. **formal-reellen** [Hir74]. **Forms** [GLR78a, Uhl79, And74, AS79, BD78, Cal73, Cho75b, Coh78, Dav79, DR77, Fox78, Hor75, Joh74a, Laf75, Zel79b]. **formula** [Fla74, Ost71, Tho76a]. **formulas** [FMKL79]. **Foster** [Fla74]. **four** [Doo70]. **Frame** [Gre73]. **free** [Pra76, San72]. **French** [Far76, Mor76, RR73, Rob76, Rob78a]. **Fritz** [KR73]. **Frobenius** [BS75, Hou71b, RR73, Rob78a, Sch77]. **Fuglede** [DGS76]. **Fujiwara** [Dat78b]. **Fulkerson** [Cru75, HP79b]. **full** [Sch77]. **function** [Kap72, PJ75]. **Functional** [Dav73, OS72]. **functionals** [Sto79]. **Functions** [Hou71a, Par76, Sta78, AT76, BCL75, Bra79, CP79, CV73a, CV73b, CV74, CF72, DB71, Dow71, Eng73, Fer78a, Fre73, Heu73, Hil77, IM79, LS73, LC70, LNP70, MM72b, Mer75, Mer78, MW79, MOV78, MR73, Paz75, Rya79, SS73]. **Fundamental** [Lan77a, Lan77b]. **Further** [SS79, Pao73a].

Galois [Est79]. **game** [TW72]. **games** [Rag78, Wer70]. **Gatlinburg** [Ano77b]. **Gaussian** [Coh74]. **Gel'fand** [Hal79]. **general** [DM79, Els79, GJ70, Tau72]. **generalization** [BG75, BG72, Lev72a, MG70, Mer71, Reb74, RS71, Rys70]. **Generalizations**

[BG74a, Car76, Wim75, HW79c, Neu79, Wan79]. **Generalized** [And79b, CH76, CPW74, DB71, Fan72, Flo79, Ful79, Hea73, NP79, PT79b, Ste79b, Tan75, Van77, Van71, Wal75, AYP79, Bat78, Cam77, Cla78b, CF79, Eng73, FG77, Fre73, GS77, Hal76b, HR74, Hea75, Joh77b, Joh79, KP74, Law75, MB78, Mey70, Mih71, MP79, Mül73, Nat73, Ong76, RR75, Wat72, Wer79]. **generalizing** [Har75a]. **Generate** [Uhl76]. **generated** [Ara79]. **generators** [Ion76]. **genetic** [Hol79]. **Geometric** [Dav77, Hil77, Pul71]. **geometry** [KW79]. **German** [Bod79, Els74, Hir74, Met73, Mül73, Sch78, Wer73]. **Gerschgorin** [Ber75, Ber76, Joh71b, JO75]. **Gersgorin** [Pow76]. **Gershgorin** [vdS79]. **GF** [Hof76b]. **given** [Ben70, CH77, Hoc79]. **Givens** [Gen75]. **Global** [How78]. **gons** [Dav79]. **Grade** [Sha77]. **grammars** [San72]. **graph** [Doo75, Hof72, KS78, Ste77]. **Graphs** [Ple72, Doo70, DC79, Hof77]. **Grassmann** [Kah71]. **Greatest** [Bar70, MB78, BG74b, BG76a]. **Group** [HW79a, DD75, DM79, Hor78b, KR79a, MG70, Vid76, Wii78]. **group-theoretic** [KR79a]. **groupe** [Tho75c]. **groups** [Dix76, Hof76b, MN70, Weh77, Wii78]. **Gunn** [Ban79].

H [Cai73]. **H-stable** [Cai73]. **Hadamard** [And79a, Ara79, Sty73]. **halbgeordneten** [Els74]. **harmonic** [DR76]. **Haynsworth** [Ost71]. **height** [Weh77]. **Hermite** [Lee75, Leh71, LS73, SS73]. **Hermitian** [AY75, Cai73, DT71, Djo75, Far76, Fox78, Hil73, Hor75, Kwo77, Maj79, Mar75, Pai74, Par79, PT79a, Por75, Sch79, TF71, Tho76c, vK70]. **Hermitiennes** [Far76]. **Hessenberg** [DD76, Hua78, Ike79, Par73]. **Hidden** [Pan79a]. **High** [HMW79]. **High-order** [HMW79]. **higher** [MF78, Rob71]. **higher-order** [Rob71]. **Hilbert** [Sto79]. **Hill** [Hoc75]. **Hodge** [MR75]. **Hoffman** [Lev72a]. **Homogeneous** [BIL78, Far77]. **Householder** [Ano77a, Ano78a, Ste79c, Wil75a]. **hull** [Smi71]. **Hurwitz** [Dat78b]. **hybrid** [MT75]. **hyperbolic** [Tur77]. **hyperinvariant** [FHL77]. **Hyperpower** [Tan75].

ideal [McD78]. **ideals** [Hor78a]. **idempotent** [Bal78c, JGK79, Kim74]. **idempotents** [But72]. **Identities** [Hou71b]. **II** [Ber76, BG76a, BW79, CV73b, GLR78b, Joh74a, Kat75, Kov75, Lan77b, LM78, LV75, dOdS79]. **III** [LS73, Mar73, Ong76]. **Imbedding** [Mar79c]. **inaccurate** [Kov76]. **Inclusion** [GS76, GS77, Jen73, Zen77]. **incompatible** [LNPU73]. **indecomposability** [Sch77]. **Indecomposable** [LS75, Tam78]. **indéfiniment** [Far76]. **indefinite** [Fle76]. **independence** [Hal76b]. **independent** [NS79]. **Index** [Ano77d, Ano70a, Ano70c, Ano71a, Ano71c, Ano73a, Ano73b, Ano73f, Ano73g, Ano75a, Ano75b, Ano75c, Ano76a, Ano76b, Ano76c, Ano77c, Ano77e, Ano78c, Ano78d, Ano78b, Ano78e, Ano78f, Ano79a, Ano79b, Ano79c, Ano79d, Ano79e, Ano79f, Ano79m, Rot79a]. **induced** [OS72]. **induction** [Ptá76]. **Inequalities** [Car72, De 71, Fre73, Rya79, AY73, Els74, Fan75, Hor75, Joh79, Mar73, PT79a, Tho72, Tho75b, Tho79a]. **inequality** [Joh73, MM72b, Mar79a, Sei74]. **Inertia** [Wim74, BC77, CH76, JB70].

Infima [Var73]. **infinite** [FO78, SW73]. **infinite-dimensional** [FO78]. **infinitely** [Far76]. **infinitely-divisible** [Far76]. **infinitesimal** [Rob75]. **inner** [Win71b]. **Inners** [BJ78]. **integer** [Bal71, FT79, GP79, Hu70]. **integers** [BM76]. **Integral** [Bat78, Kwo77, Pad76]. **integrality** [GP79]. **integrals** [Olk79]. **interior** [BBI73]. **Interlacing** [Tho72, Tho79a]. **interpolation** [FM78, Lee75, LS73, SS73, Tho76a]. **intersection** [Cun77]. **interval** [CGG77, RBI70]. **Intrinsic** [LC70]. **invariance** [Bea70, Har75b, Ong76, RW77]. **invariant** [HM78, Kap72, Tho79a, Web74]. **invariants** [Coh78]. **Inverse** [Els76b, Fri75, Fri77, Hal76a, CH75, Coo75, FG77, Fu75, Hoc75, HM75, Jen73, JLR79, Lan77c, Law75, LNP71, MSH77, MS78, Mih71, Mor76, NP79, Nwo78, Ros76b, Smi78, Wil77]. **inverse-positive** [JLR79]. **inverse-positivity** [NP79]. **Inverses** [Ike79, KR78, Tan75, Bar79, Bat78, Cam77, CM78, CPW74, CF79, Deu71, Flo79, Ful79, GT79, Hal76b, HR74, Har78, HW79a, wK77a, LM79, Mee76, Mey70, Mey71, MP79, PT79b, RR75, Smi77, Wal75, Har75b]. **Inversion** [YI79, Bar76, Dow71, FMKL79, Wer79]. **Invertibility** [Lan73]. **inverting** [Sea79]. **involutions** [Ful73a, Ful73b, GHR76, Kov79, Rad75, Wii78]. **Involutive** [BG78, Ell79]. **involving** [CP79, GS76, Mer75, PT79a]. **irreducibility** [Cha75, Chr79, Els76a, Sch77, Van76]. **irreducible** [BG72, BG74b, BG76a, Els76b, Hea70, LV75, LV76, Sen75, Wer73]. **irreduziblen** [Wer73]. **Isolated** [Dau78, JO75]. **isometries** [Rob75, Vid76]. **isotropic** [Pal72]. **iterated** [Wil75b]. **iteration** [Ban79, Els76b, Jen73, MN77, SS76, Spa78]. **iterations** [OP79, Rob76]. **Iterative** [Tan75, HMW79, Neu78, Ptá76]. **IV** [Bal70, BG76b]. **IX** [Tho72].

Jacobi [FM79, Fu75, GW76, Hal76a, Hoc79, Naz75, dBG78]. **Jacobians** [OS72]. **John** [KR73]. **Jordan** [AH79, Hea73, Hir74, Wii78, Wim78]. **Jordan-Algebren** [Hir74]. **July** [Ano74a]. **June** [Ano78k].

Takeya [ASV79]. **Ketten** [Wim78]. **knots** [FM78]. **König** [Gal78, Sch77]. **Kreiss** [GK76]. **Kriterium** [Met73]. **Kronecker** [AM76, Ara79, Van79, Wil79].

L [BVW78, RS71]. **lacunary** [Deu73]. **Lambda** [Lan77a, Lan77b]. **Lambda-Matrices** [Lan77a, Lan77b]. **Large** [Van71]. **Lat** [Lon79]. **lattice** [Bar73a, FHL77]. **Laurent** [Lan71]. **law** [Arn76, BG74a, SS79, WHG79]. **leading** [Ple76]. **least** [Hof77, LNPU73]. **least-squares** [LNPU73]. **leave** [Kap72]. **lemma** [AM76]. **length** [BK78]. **Leontief** [Sie79]. **Letters** [Ano79k]. **Levitan** [Hal79]. **Lie** [Rob75, Ion76]. **Liénard** [Dat78a]. **life** [Gal78]. **like** [PJ75]. **Limit** [Cam79]. **line** [Doo75]. **linéaires** [Rob76]. **Linear** [Bea70, BBI73, Bot78, Chi77, Ful73b, GV79, Hil73, Kan78a, Kov77, LO78, Maj79, Ong76, RW77, SW73, Vet75, Wat76, Ano79k, AS73, Ber75, CGG77, Cho75a, Cla78a, DF75, DD75, Deu71, Dix76, Djo73, Djo78, DM79, Duk70, DR76, Eav73, Fan75, Far77, FHL77, FO78, Ful73a, Heu73, Hoc70,

Kan78b, Kap75, Kim74, Kim75, Kov76, Kov79, LV75, LV76, Lyl78, Man79, Moh76, Neu78, Pan78, RBI70, Rob73, SD77, Sha77, Sil70, Smi76, Ste77, Tch79, Van76, Weh77, Wes72, Wil70, Wim74]. **linear-algebra** [Lyl78]. **linear-programming** [CGG77]. **linearly** [NS79]. **linked** [Hol79]. **Liouville** [Olk79]. **List** [Ano73e, Ano76g, Ano77i, Ano78k, Ano79i]. **Local** [TC78, Dix76, Ger77, Joh76a]. **localization** [Kov74, Kov75]. **Location** [Bar71, Cla78b, Hil77, Loe71]. **loci** [Hol79]. **Logarithmic** [Pao73b, DM78, Pao73a]. **low** [SD77]. **low-density** [SD77]. **Lower** [Pat76, Var75, vLvEB78]. **Lyapunov** [Bar77, CL74, CD79, Joh76a, Loe76, Wim75].

M. [RS74]. **Manifestations** [Cot74]. **Manifolds** [Kov79]. **map** [Djo78]. **mapping** [Tch79]. **mappings** [Kim75, MR73, Tur79]. **maps** [And79a, BT73, Bot78, Cho75a, Djo75, Hor78a, RW77, Wat76]. **Markoff** [Coh78]. **Markov** [Har75a, Paz75, Sch77, Sta75]. **Mathematical** [Har77, Ptá76]. **Matric** [Por76]. **Matrices** [DT71, Fri75, Hua78, Ike79, Kel71, Lan77a, Lan77b, Maj79, Moy77, Nic75, Pai74, Par76, Pin79, Ruh75, Tam76, Uhl73, Uhl76, Van71, Ach78, Afr74, And79a, And79a, AHS76, And73, Ara79, AY75, AYP79, BC77, Bal78a, Bal70, Bal75, Bal78c, BL75, Bar76, Bar79, Bat78, Bax78, Bea70, BG75, Ben70, BW78, Bot78, Bra70, BC73, BCL75, BG78, BW79, BC75, BG76b, BH79, BK73, Cai73, CB76, CH77, Cha70, Cho75a, Chr79, Cia70, CPW74, CF79, CHL70, Cru75, Cru77, Cry73, Cry76, DB71, De 71, DGS76, Deu78, Djo76, DR77, Ell79, Els76a, Eng73, Est79, Fan72, Far76, Fie72, Fle76, FM79, FMKL79, Fu75, Ful79, GZ79a, Gib76, Gib78, GTZ75, GK76, Gre74, GT79, Hal76a, Hal76b, HW79a, Hei78, Hil73, Hoc75, HM70, HM78]. **matrices** [HW79b, HP78, JGK79, Joh71a, Joh74a, Joh77a, Joh73, Joh74c, JLR79, Joh71b, Kan78a, Kap72, Kap75, KP74, Kat75, KW79, KR78, KR79a, KDW74, eK73, wK77a, wK77b, Kwo77, Laf77, Laf79, LM78, Law75, Lev72b, LO78, Loe71, LM79, LS76, LNP70, LNP71, Man74, MT79, Mar75, Mar70a, Mar70b, Mar79b, MB78, Mar79d, Mar79c, MN79, McD78, Mee76, Met73, Mey70, Mey71, MS78, MW79, Mih71, Min72, MT75, MP79, Mul79, Neu76, NP79, Neu79, Nic79, O'B75, Oko79, Ong76, Ost74, Pan79a, Pan79b, Par73, PT79a, Ple72, Ple76, Ple77, PB79, Ptá79, Pul71, PR77, RW77, Rad75, Rag78, Reh77, RS74, Rob78b, Roi78, Rot75, Rot79a, San72, Sch78, Sch79, Sea79, Sei74, Sen75, Sha79, SW73, Sie79, Sin77, Sin79, Siz77, Smi77, Smi79]. **matrices** [Tam75, Tau72, Tau75, TF71, Tho75a, Tho79b, Tho79c, Var77, Ves79, Wal75, Was77, Wat76, Wil75b, Wim74, Win71a, YI79, Yar78, You79, Zel79a, Zen77, dO74, vK70, vdS79, BVW78, RR75]. **Matricial** [Bar73b, Deu70, Deu73, DM78, Vit79, Mly77]. **Matrix** [BM76, Bos75, CF72, FL74a, Fer78a, GLR78a, GLR78b, IM79, Lan71, Lan73, Mey78a, O'R77, Olk79, Tan75, Var75, Vet75, Web74, Aba79, AM76, Arn76, AY73, BK79a, Bal78b, Bar75, Ber75, Ber74, BBI73, BP76, BK78, Bod79, BG74b, BG76a, Bra79, Bre75, But72, Car76, CD79, Cha75, Coo75, Cro78,

DD76, Dau78, Djo75, Dow71, Eis73, Els76b, ES73, Eng73, Fer78b, FG77, Fre73, Ger77, Gil77, GR79, GG77, GW76, GZ79b, Hay70, Hed75, Hil77, Hil78, Hoc79, HMW79, HW79c, HM75, Joh77b, Joh79, JB70, Kan78b, Kat72, Kel71, KS78, LM77, Lan77c, Leh71, MN70, MN77, MSH77, MA79, Mey78b, MOV78, Naz77, Ng76, Nwo78, OS72, Pao73a, Pao73b, Par75, Ple77, Por75, PBA73, Reh77, Ros76a, Rot79b, Rys70, Sai72, Sau77, SS76]. **matrix** [Sch77, Smi71, Smi74, Sta78, Sta75, Tho76a, Tho71, TW72, Tho75b, Tho76c, TW78, TC78, Tur77, Uhl74, Usm71, Wat72, Wer73, Wer79, Wil77, dBG78, dO72, Wer73]. **Matrix-theoretic** [CF72]. **matrix-valued** [MOV78]. **matrix-vector** [TC78]. **matrizen** [Sch78, Wim78]. **matrizenräumen** [Bod79]. **matroid** [BW71, Cun77]. **matroids** [Gra75, Mau75]. **Maximal** [Cou73, AS79, Est79, Pal72]. **Maximum** [PR77, FG77, Mau75, Ptá79]. **maximum-rank** [Mau75]. **mean** [Har75a, Mey78b]. **means** [Pal72]. **measure** [Chr79]. **meeting** [Ano77b]. **Mendelsohn** [Kim79]. **Method** [Tan75, GJ70, HW79b, LNPU73, Moh76, Mü173, Nat73, Naz75, RBI70]. **Methods** [HW79c, Van71, Aba79, HMW79, Kos78, Law75, Neu78, Sto79]. **Minimal** [CV73a, CV73b, Kov77, LS76, Zen77, HT73, PJ75]. **minimality** [Mly77]. **minimization** [Naz77, Sto79]. **minimum** [Ben70, Hed75, Mau75, PR77]. **minimum-term-rank** [Mau75]. **Minkowski** [Kan78a]. **minors** [BW71, Moy77, Pan79a, Tho75b, Tho79b, Hed75]. **Mirsky** [Lev72b]. **mixed** [Bal71, Hoc79, Rag78]. **mixed-** [Bal71]. **model** [Sie79]. **Modified** [Ste77, LNPU73]. **modularity** [Sai72]. **modules** [Car72]. **modulo** [BM76]. **moment** [Par73]. **monic** [GR79]. **monoids** [Pra76]. **Monotone** [Man74, AT76]. **monotonic** [Fun79]. **Monotonicity** [HM70, BG72, BP76, Car76, Wer79]. **Moore** [Cam77, HM75, wK77a, MSH77, Smi77, Smi78]. **Motzkin** [RS71]. **MP** [PB79]. **multidimensional** [AG75]. **Multigradients** [Hou71a]. **Multilinear** [Rob78b, Mer78]. **multiples** [BC77]. **multiplication** [Hol79, Win71a]. **multiplications** [Cla78a]. **Multiplicative** [Fri75, AS79]. **Multiplicativity** [Joh77b]. **multivariate** [Sty73].

Nachweis [Met73]. **natural** [Tho76a]. **Near** [Qua75]. **Nearly** [Lan71, Lan73, Min72, BH79, FT79]. **Necessary** [Far77]. **negative** [Cha75, Els76b, KS78, Kwo77, PR77]. **negativity** [Met73]. **network** [AT76, HP79b, Tch79]. **networks** [Fla74]. **Neumann** [Tan75]. **Neumann-Type** [Tan75]. **nichtnegativen** [Wer73]. **nichtnegativer** [Sch78]. **Nilpotence** [Dix76]. **Non** [Bye70, HP78, BEK78, Cha75, Els76b, Joh74c, KS78, Kwo77, Met73, PR77, Rob76]. **Non-Archimedean** [Bye70]. **non-commutative** [BEK78]. **non-negative** [Cha75, Els76b, KS78, Kwo77, PR77]. **non-negativity** [Met73]. **non-positive** [Joh74c]. **Non-singular** [HP78]. **nondiagonalizable** [LNP70]. **Nondifferentiable** [MF78]. **Nondiscrete** [Ptá76]. **nonhomogeneous** [Har77]. **nonlinear** [Bal71, Rob76]. **Nonnegative** [JGK79, Sie79, AY73, BG74b, BG76a, Els76a, FM79, HW79a, LM78, LM79,

Mar70b, Ost74, Ple72, Pul71, Rot75, Rot79b, San72, Sch78, Wer73].
nonnormal [KDW74]. **nonpositive** [BVW78]. **Nonsingular**
 [Hea77, Uhl76, Bot78, Lev72b, Uhl74, Ple77]. **Nonzero** [Mer77]. **Norm**
 [GS79, AS73, Pat76, Rob75, RR73, Rob76, Sau77]. **norm-numerical** [Sau77].
Normal [DR77, Par73, Ruh75, DGS76, Wil75b]. **Normality** [Joh76b, Laf79].
norme [RR73, Rob76]. **normed** [AS73, Flo79]. **Norms**
 [Mar73, Var73, You79, Bar73b, Bye70, Deu70, Deu73, Fri79, Fun79, Joh77b,
 Joh79, Par79, Sch70, Sta78, Vit79, Web74]. **Note**
 [Bar76, Coh74, Ste79a, dO74, Bra79, Cal73, Cor75, Duk70, Els76a, Gro77,
 HT73, wK77b, LM77, MR75, Mly77, Neu79, Ros76b, Tam75, Van76, Var77].
notes [Lon71]. **Notice** [Ano77a]. **number**
 [But72, Kim74, Mur72, Rot79b, FL74a]. **numbers** [GJ70, Mar73].
Numerical [Bal78b, DD75, GTZ75, Hal79, Van77, AYP79, Fox78, FL74b,
 GS76, GS77, GS79, Joh76b, MA77, MF78, Sau77]. **numerically**
 [GM73, dBG78].

oblique [BK79b]. **observations** [BT73]. **Ochoa** [Reh77]. **off** [BVW78].
off-diagonal [BVW78]. **One** [Aba79, Fei77, Nic75]. **One-dimensional**
 [Fei77]. **open** [Sie79, Var77]. **operation** [Lon79]. **operations** [Hil78].
operator [AT76, MR75, PT79b, Spa78]. **Operators** [Var73, BM79, BW70,
 Eis73, Fei77, FW74, HFP76, Hoc70, Hol78, MP79, Par79, Van76]. **optimal**
 [BD78, Zel79b]. **optimization** [Pad76]. **Optimum** [Laf75]. **orbital** [Gro77].
Orbits [Hof76b]. **Order**
 [HM78, BG74a, GK76, HMW79, Kwo77, Mat75, Rob71, SS79, WHG79].
ordered [Els74, Van76]. **orderings** [Neu78, Pan78]. **orders** [BK73].
ordinary [FL74b, Nat73, Was77, Lan77a]. **orthant** [Fun79]. **Orthogonal**
 [And74, Kap75, vdSV79, BK79b, Bar75, Wii78]. **orthostochastic**
 [AYP79, Hei78]. **Oscillation** [KP74]. **oscillatory** [Mar70a]. **Ostrowski**
 [OP79]. **other** [Coh78].

P [BVW78]. **packing** [Moo74]. **Padé** [Hou71b]. **Pair** [Uhl76, And74, Dav70].
Pairs [Uhl79, BW79, Djo78, FO78, Ng76, TC78, Wat76]. **Pall** [Cor75].
Parallel [Tch79]. **parameter** [Sta75]. **parameters** [AH79]. **Parametrized**
 [Wer70]. **paramount** [LS76]. **part** [Cai73, Joh73]. **partial** [Neu78].
partially [Els74, Joh74c, Van76]. **partially-ordered** [Els74]. **partitioned**
 [Bar76, De 71, Eis73, HM75, Joh71b, LNP70, LNP71, Mey71, Mih71, vdS79].
Partitioning [Pal72]. **partitionings** [Hof72]. **partitions** [Cor75, Por75].
passage [Mey78b]. **patterned** [Kan78b]. **patterns** [JLR79]. **Pencil**
 [Uhl76, Van79, AY75, Tho76c]. **pencils** [Oko79, TW72]. **Penrose**
 [Cam77, HM75, wK77a, MSH77, Smi77, Smi78]. **Perfect** [Bar78]. **Periodic**
 [Don71]. **permanent** [Hed75, LO78, Nic75, PJ75]. **permanent-like** [PJ75].
Permanental [BW79, Bax78, Gib78]. **permanents** [Joh74b]. **permutation**
 [Cru75, Kap75, Ong76]. **permutations** [FT79, Kap72]. **Perron**
 [BS75, RR73, Rob78a]. **persymmetric** [Zel79b]. **Perturbation**

[Ste79a, Ste79b]. **perturbations** [Fei77, Sch79, Tho76b]. **Perturbed** [Pai74, Rob73]. **Pfaffians** [Kah71]. **Piecewise** [Eav73]. **Pivot** [Coh74, Kos78]. **plane** [BC75]. **plusieurs** [Rob76]. **point** [Rob76]. **points** [MF78]. **polyhedra** [BG76b, GP79, Pad76]. **polyhedral** [HFP76]. **polyhedron** [Cun77]. **polynomial** [Bar71, Ben70, BCL75, Bra79, Cla78b, Lan77c, Leh71, MB78, Tho76c, Vit79]. **Polynomials** [GLR78a, GLR78b, Bar70, Bar75, Bax78, Ber74, Deu70, Deu73, Deu78, GR79, HT73, KP74, MB78, RW77]. **polytope** [BL78, Cru79]. **Positive** [Cho75b, Djo76, FW74, GV79, Tam76, And79a, Bal70, Cho75a, Cry73, Cry76, De71, Far77, Far76, GTZ75, Hir74, HW79b, Joh73, Joh74c, JLR79, KP74, Kel71, Mee76, Moy77, Nic79, Pan79a, Pan79b, Tam75, Wer73]. **positiven** [Wer73]. **positiver** [Hir74]. **positives** [Far76]. **positivity** [MS78, NP79]. **potent** [Kim75]. **pour** [Mor76, RR73, Rob76]. **Power** [Joh79, AY73]. **Powers** [Hua78, DD76, Kwo77, MR76, MA77, You79]. **Preface** [Ste79c]. **prescribed** [Bax78, BC73]. **preserve** [Bot78, Hil73, LO78, MW79, Wat76]. **preserved** [Kwo77]. **preserving** [BT73, Hor78a]. **primal** [CGG77]. **Principal** [Tho72, Tho79b, BW71, McD78, Moy77, Pan79a, Tho76c]. **probability** [Har75a]. **Problem** [Ste79b, CH75, Dat78b, Dav76, DR76, FW74, GR79, Kan78b, Kos78, Lev72b, Lyl78, MN77, Mor76, Mur72, Pan78, Ptá79, Reb74, Roi78, Wil77]. **problème** [Mor76]. **Problems** [Fri75, Fri77, CGG77, Els79, Hal76a, Hoc75, Kan78a, Mer75, Moh76, Nat73, Pad76, Tur77, Usm71]. **procedure** [Ban79]. **processes** [Har77]. **product** [O'R77, Pat76, Tho76a, Tho71, Win71b]. **production** [Har77]. **Products** [Bal70, Bal75, Bal78c, Cat78, DM79, Ell79, Gib76, GHR76, HK76, And79a, Ara79, Ber75, Dav70, DGS76, ES73, Heu73, Kat75, eK73, Oko79, Par75, Sin79, Sty73, Hir74]. **Produkte** [Hir74]. **program** [Rob73]. **programming** [Bal71, CGG77, DR76, KR73, Man79, Par70, RBI70]. **Projection** [vdSV79, GJ70]. **projectors** [BK79b]. **proof** [Cru75, Dat78a, Fla74, Ost71]. **proofs** [HP79b, Ptá76, vLvEB78]. **proper** [Law75]. **Properties** [CM75, Usm71, Ara79, Cru77, Cry76, GS79, Hay70, Hei78, HM78, How78, KP74, eK73, Mar79b, MSH77, Mur72, NS79, Zel79a]. **property** [BK73, RS71, Tho70]. **propres** [Mor76]. **proving** [AG75, Kah71]. **pseudo** [CF72, JO75, Paz75]. **pseudo-convexity** [CF72]. **pseudo-isolated** [JO75]. **pseudo-Markov** [Paz75]. **pseudoconvex** [Fer78a]. **Pseudoinverse** [CM75, Gre73, PBA73, Tho76a]. **pseudoinverses** [Deu71]. **Putnam** [DGS76].

Quadratic [Put79, Tur79, Uhl79, CF72, Dau78, Dav79, Far77, Par70, Sto79]. **quasi** [CF72, Joh77a]. **quasi-convexity** [CF72]. **quasi-elementary** [Joh77a]. **quasiaccretive** [MN79]. **quasidiagonalization** [Laf77]. **Quasimonotonicity** [Els74]. **Quasimonotonie** [Els74]. **quasiorder** [Bod79]. **Quasiordnung** [Bod79]. **quaternion** [DB71, Smi74]. **question**

[Var77]. **quotient** [Ost71].

R. [Fla74, Min79]. **radii** [GS79]. **radius**

[Els76b, Fer78b, GTZ75, MA77, Mü173]. **random** [SD77]. **Rang** [Far76].

range [Bal78b, Fox78, Joh76b, MF78, Sau77]. **ranges**

[AYP79, CL74, GS76, GS77, Loe76]. **Rank** [vdSV79, Bea70, CH77, CF79, How78, Kru77, Mau75, Rot79b, Sto79, Tho76b, Wes72, Far76]. **rank-** [Sto79].

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