

A Bibliography of Publications in *Linear Algebra and its Applications*: 1980–1989

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Title word cross-reference

#3162 [Sta81].

(0, 1) [LN80]. $(2^m, 2^m - 4)$ [KL88a].
 (A_1) [Ber87]. (F, G) [Emr83].
 (H, F) [Özg86]. (p, q) [LT88]. (S) [Wan86].
 (s, t) [JP82]. (T) [Wan86].
 $(\text{tr} A^p)^{1/p}$ [Mag87].
 $(x - \alpha)(x - \alpha^2)(x - \alpha^3)$ [KL88a].
 $(YA - DZ, YC - BZ) = (E, F)$ [wEC87b].
 -2 [KRS82]. 0 [Fri85a]. $\{0, \pm 1\}$ [Fuj84].
 1 [BP84a]. 2 [ELS82a, HLG85]. 27 [RS86a].
 2^n [YH82]. 2×2 [Uhl81a]. 3 [AL80].
 3×3 [AO82]. $*$ [dOdS83]. ${}^2 A_{2d-1}(p^f)$ [IS89].
 A [BG82]. $A(\lambda) =$
 $A_0 \lambda^t + A_1 \lambda^{t-1} + \cdots + A_{t-1} \lambda + A_t$ [BZ89].
 $A > 0$ [Sha86a]. $A^k b$ [CLS87].

$A^m = dI + \lambda J$ [Ma84]. $A^m = \lambda J$ [MW87a].
 AB [Sha86a]. $A \circ A^{-1} \geq I$ [BK87].
 $AX + YB = C$ [Zię85].
 $AX - XB = C$ [dSB81b].
 $Ax = b$ [dSB81a, Uhl87]. $AX = C$, [Mit84].
 $Ax = \lambda Bx$ [LS87, LM80].
 $AXB + CYD = E$ [BK80b].
 $AXB - CXD = E$ [wEC87b]. B [BG82].
 $B > 0$ [Sha86a]. c [Beb86, GS82]. C^* [LP81].
 c^2 [vB85]. \mathcal{H} [Yan84]. d [DG87, Har80].
 $D(X^k) = kX^{k-1}$ [Sun82b]. $D_1 AD_2$ [Bap82].
 ΔH [Gab87]. $d \geq 3$ [IS89]. dn [KP80].
 e [Sta87]. $E(t)$ [Eva87]. ℓ_1 [dC87].
 ℓ_∞ [dC82]. ℓ_p [Gol86a, GS83b].
 $F(x) + M(x)G(1/x) = 0$ [Ng87].
 $F(X) + M(X)G(X^{-1}) = 0$ [Eba89].
 g [MW87a, NT80]. Γ [OH85].
 $GF(2^m)$ [KL88a]. H [Tad81]. H^∞ [LA88].
 HR [BG81b]. H^∞ [JJS89]. k [Bea83].

- K^n [Eba89]. K_1 [VM87]. l^p [Dru87].
 L_2 [Tad81]. $\Lambda^k \mathbf{R}^n$ [Mor85]. $\leq n$ [HHM89].
 LP [Naz84]. $l_1(\Gamma)$ [Pol86]. LU [FP81].
 m [Wol89a, LN80]. $M_n(\mathbf{Z}/h)$ [Har81b].
 $M \geq B^* MB$ [BKK83]. MMA [Fie88b].
 $m \times n \times (mn - q)$ [Bin86]. n [KP80, Joh82b].
 N_0 [Joh85]. $O(m^2)$ [Kle87]. $O^+(V)$ [KN87b].
 ω [HB84, HM86]. p [VNC84, HB83].
 $P(t)$ [Eva87]. \mathbf{P}_k^3 [Bre84]. P_0 [RM85, HB83].
 $\text{Per}(J_2 \otimes M) \geq 2^n [\text{Per}(M)]^2$ [Pat88a].
 Ψ [OH85]. $p \times p$ [Tau85].
 q [RCS89, CvRS81]. QD [Ker83]. QL [JZ85].
 QR [HS86b, BG86b, Fai89]. r [Wer87].
 \mathbf{R}^3 [PL88]. \mathbf{R}^n [MLS87]. s [Wat87a, Fie84c].
 Σ [GDK⁺83]. $\sqrt{2 + \sqrt{5}}$ [BN89].
 $Sx^+ - Tx^- = y$ [KL87]. t [BF82, Hal86b].
 $T(H^{1/n}T)^n = K$ [Fur88]. $\{t^i e^{\lambda_k t}\}$ [Har82].
 τ [HB84, HM86]. V [Meh84c]. W [TW80].
 W^* [Had86, Brü84b]. x [GR89a].
 $X - AXB = C$ [LLT84].
 $XA + BX + C = 0$ [Mil88].
 $XA - BX = R$ [Dat88].
 $XA = A^\top X$ [DD87b]. $XAX^{-1} + B$ [Sil86].
 $XAY + B$ [Sil87b]. $XB = D$ [Mit84].
 y [GR89a]. Z [Ram86]. $\mathbf{Z}/p\mathbf{Z}$ [Wat88b].
 Z_p [Str87]. Z_q [Jun89]. ZME [Stu88a].

 - [HB83]. **-adic** [Tho85]. **-algebra** [Had86].
-algebras [Gro82]. **-analogues** [RCS89].
-circulant [MW87a]. **-circulants** [Min85].
-classes [Yan84]. **-connectivity** [Bix82].
-convexity [LP81]. **-cyclic** [ELS82a].
-D [RW89]. **-decomposition** [Mur83].
-designs [Wil82b]. **-dimensional** [DG87].
-frames [KS84]. **-functions** [NT80].
-Hessenberg [Pif87]. **-ideals** [Hal86b].
-invariant [Emr83]. **-inverse** [HLG85].
-irreducible [TW80]. **-like** [BG86b].
-linear [Bou88]. **-lossless** [GDK⁺83].
-majorization [GW85]. **-matrices** [LN80].
-matrix [LN80]. **-monotonicity** [Wer87].
-networks [vB85]. **-norm** [dC87].
-numerical [GS82]. **-potent** [JP82].

-preservers [Bea83]. **-proper** [Web86].
-reguli [BF82]. **-selfadjoint** [LP82a].
-spectral [LT88b]. **-splittings** [Sch84a].
-stability [Tog80]. **-stable** [Har80].
-structure [RB89]. **-symmetric** [Wat87a].
-tensors [AL80]. **-Toeplitz** [GB87].
-type [Fai89]. **-unitary** [FH88a].
-way [Tak85].

100 [Ano88a]. **1968/1988** [Ano88a].
1984 [GL85a].

20 [Sta81]. **23** [BKR80]. **2D** [BFM89a].

30 [Cai82].

57 [Sta81].

70 [Sha89]. **70th** [FL89b]. **75th** [EH85].

80b [BKR80]. **82c** [Cai82]. **86m** [Sha89].
89h [BS89].

Abelian [BM82]. **abéliens** [MKC85].
absolute [Kit89]. **accelerate** [HH85b].
accelerated [HY80]. **Accelerating** [EN89].
Acceleration [YJ80]. **acceptance** [Bon85].
Accuracy [Pai80]. **accurate** [dG82].
acyclic [BH84]. **Adaptive** [Pol89].
addition [Ma85b]. **additional** [ST88b].
additive [SK84]. **adic** [Tho85].
adjacency [Bak87]. **adjoint** [Cro81].
adjoints [YB81]. **Adjustment** [GP80].
admissibility [BM89a].
Admissible [BM85]. **affine** [FH80].
Aggregation [MP80]. **agree** [Haa84].
Alexander [Gau83b]. **Alfred** [HM84b].
algebra [LAA68]. **algebraic** [Tau80a].
algebras [Isa80]. **algèbre** [Tre85a].
algèbres [MCeSF85]. **Algorithm** [O'L80a].
Algorithms [Woź80]. **Allowable** [SS88].
almost [Adi82]. **alternate** [CL82b].
alternating [GL84]. **alternative** [FH80].
always [Ogr88]. **among** [Vei86].

analogies [Beb86]. analogue [Sun82b].
 analogues [AP88]. Analyses [GLN86b].
 Analysis [Wo  80]. analytic [Gor89].
 angles [Cve88]. angularity [RC81].
 anisotropic [Jam88]. annihilated [How80].
 ANOVA [Tak85]. Anti [Mir83, Wie85a].
 Anti-eigenvalues [Mir83].
 Anti-Hadamard [GS84].
 Anti-invariant [Sou86].
 anti-Morishima [Wie85a].
 Antipodal [Gar82a]. antiprisms [Bro85a].
 Any [Nak84]. anyway [Car86].
 Apollonian [Wil82a]. appear [Wie85c].
 Appl [BKR80]. Application [MS80a].
 applications [LAA68]. applied [Neu81a].
 approach [Neu80]. approaches [Mur89].
 approximate [BS83].
 Approximating [Loa84].
 Approximation [Gro80b].
 approximations [LR81].
 approximators [Far85a].
 arbitrary [BS82a].
 architecture [HTRG88]. area [Mor85].
 arising [Acz85]. arithmetic [And83].
 arithmetic-geometric-harmonic-mean [And83]. arithmetical [Hel87].
 arithm  tiques [Hel87]. Arnoldi [Saa80].
 Aronszajn [BF88]. array [Urs82].
 arrays [DR80a]. aspects [Cop81].
 assignment [DM83b]. associated [Mer80b].
 association [Ban82]. assumptions [BN88].
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 Asymptotically [BA80].
 asynchronous [Lei89a]. Athens [AL86a].
 Au  slosbarkeit [Nic82]. August [AL86a].
 Author [Ano89]. automata [Cob86].
 automates [Rob80a].
 automatically [HH85b].
 Automorphism [Bar89b].
 Automorphisms [Isa80]. Auxiliary [DS82].
 Average [WWWS86]. average-cost [ER89].
 Axelsson [Bea85]. axis [BS83].
 balanced [DR80a]. Banach [Tre85a].
 band [FG80]. banded [CDMS81].
 bandstructure [L  s80].
 bandstructure-invariant [L  s80].
 baric [Per86]. Bartels [Pow87].
 Bartels-Golub [Pow87]. based [CW80].
 bases [Whi80]. basis [Bar80].
 basis-exchange [Bar80]. Bauer [Li88b].
 Bauer-Fike [Li88b]. Baxter [Fai89].
 Bayesian [CD85]. be [MS85].
 behaved [Ogr88]. behavior [AZ83].
 behind [Wat88b]. belonging [Rot89a].
 Bergman [Gha87].
 Bergman-Hilbert [Gha87].
 Berlekamp [JM89b].
 Berlekamp-Massey [JM89b].
 Bernstein [Cos89]. best [LR81].
 between [Djo81]. B  zier [GM88b].
 Bezout [BS88, Pt  84c].
 Bezoutian [LT88a, PW85].
 Bezoutians [Pt  84a, Pt  84b]. bi [dBJP82].
 bi-infinite [SW84]. biadditive [Ng87].
 bidiagonal [HI86]. bidirected [Hur89].
 biflag [HS87]. bigger [Jam81].
 bijections [KL87]. bilinear [FH80].
 bimatrix [CMO89]. binary [Cun82].
 Binet [HCR88]. Binet-Cauchy [HCR88].
 Binet-Minc [Nis88]. binomial [Str87].
 Binyamin [FL89b]. Biorthogonal [Pt  83a].
 Bipartite [Ito82]. bireflectionality [Nie87].
 Birkhoff [BS82a]. birthday [Gau83b].
 Biunitarily [GS89]. bivariate [GM89].
 Block [O'L80a]. Block-iterative [AC89].
 block-matrix [ABI84].
 block-Toeplitz [Tis87]. blocks [Cai81].
 blockwise [Pol87]. BLU [Wer85b].
 Boas [Bea87a]. Boolean [dCG81].
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 Boolean-rank-preserving [BP84a].
 Border [Bin86]. bordered [Nom80].
 bottleneck [BCS87]. bound [You81a].
 boundary [MS86]. bounded [Dan88].
 bounding [Sco85]. Bounds [Rot80].
 Brauer [HM84b]. Brenner [Bea87a].
 bridge [AB87]. Brownian [Gov88].

Brualdi [MW87b]. **Burnside** [Ros84].
burst [Was84].

cône [Yca82]. **calculation** [Ste81a].
Calculations [Fos86]. **calculus** [Pol85].
cancellation [GL82]. **canonical** [Har81b].
Capelli [And85a]. **caps** [Kes82].
Cartan [Zas83]. **Cartesian** [HT84].
cascade [GS87]. **case** [Uhl81b].
cases [Tho88]. **Categories** [RPG87].
category [SK82]. **Cauchy** [MM81].
Cauchy-Schwarz [MM81].
Cayley [OR88, Bus86].
Cayley-Hamilton [OR88].
Cayley-Hilbert [Bus86]. **cell** [Tak85].
cellulaires [Rob80a]. **central** [LM87].
Centro [Lee80].
Centro-Hermitian [Lee80].
certain [Deu80]. **Cesàro** [Spr81].
CG [EL89]. **Chain** [FM86b].
chains [Sen80]. **change** [Bha81].
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characteristics [LT83].
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Chebyshev [Kam89].
Chipart [FD89, Jur82]. **Cholesky** [Olk85].
chordal [BJL89]. **circle** [Rot80].
circuit [Cla88]. **circulant** [Lon81].
circulants [Par82]. **Circular** [Bar89c].
circulations [RS82]. **Class** [Woż80].
classes [Mer80b]. **classical** [Cal82].
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classifications [KS86a]. **Clebsch** [ML83].
Clebsch-Gordan [ML83]. **close** [BAS86].
closed [Lin87b]. **closed-loop** [Lin87b].
closest [Kas89]. **Closure** [Joh87].
clustering [TG87]. **Clusters** [CD87].
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coefficient [Str87]. **coefficients** [Yca82].
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Collinearity [HV87]. **color** [Jef88].
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commutant [Hol82].
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commutative [Isa80].
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commutators [Tau80a]. **commute** [Gof81].
commuting [Grü81]. **compact** [Kön86].
companion [Gal81]. **comparison** [GA81].
compatible [Zha87b].
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Complement [Tru80].
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complementarity [KP80].
complementary [CdS81].
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completely [Loe80]. **Completing** [FM86a].
completion [ACC88].
completions [GJdSW84].
complex [Gro80a]. **Complexity** [ISS86].
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Computing [Saa80]. **comrade** [Bar84a].
concept [MP82]. **Concerning** [Har80].
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conditionally [MPJ81].
Conditioned [ES86]. **conditions** [Bec80].
cone [Tam81c]. **cone-preserving** [TW89].
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conjectured [Wat83].
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conjugation [Dam80].
conjunctivity [BY80].
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constructions [Pan89c].
constructive [CK89]. **containing** [Laf81c].
context [Uch86]. **contiguous** [DGK80].
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continuity [CH80]. **Continuous** [Sak85].
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continuous-time [ER89].
continuously [Fer81].
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contractibility [BCS88].
contraction [Ver84]. **contractions** [Fan88].
contribution [Szu89a].
contributions [Bea87a]. **control** [HS83].
controllability [HG80].
controllable [CS87a]. **controller** [LA88].
controllers [BKH88]. **controls** [Gee89a].
conventional [JE87].
convergence [You81b]. **converse** [Tho83a].
convex [CvRS81]. **convexity** [LP81].
Copositive [MJ81]. **coprime** [OM89].
Corner [GM88b]. **Correction** [Sta81].
Corrections [Cai82]. **correlation** [Nel85].
correspondence [Hel89].
corresponding [HL84]. **cosine** [CKN85].
cosine-sine [CKN85]. **cost** [ER89].
cotriangular [Hal83]. **countable** [IS82].
counterexample [Laf83a].
Counterexamples [Tho83b].
counting [Mer80a]. **coupled** [JAK89].
covariance [Sch83c]. **covariances** [Wer85b].
cover [Ant83].
Cramer [Ver82, OR88, BI82].
criteria [Fer81]. **criterion** [Laf81b].
crossings [Sch89b]. **cubes** [Rei87].
cubic [Sha82b]. **curve** [Adk89].
curves [BF82]. **cut** [BR89b].
cutting [GM88b]. **cutting-plane** [CCH89].
cycle [Kun81]. **cycles** [Tho86].
cyclic [ELS82a].
D [RW89]. **D.** [MS80b]. **dans** [Tre85a].
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definite [Wu80]. **definiteness** [MJ81].
deflation [Lás80]. **Degeneracy** [Fle88].
degenerate [FS82]. **degré** [Tre85a].
degree [Tre85a]. **Dense** [ISS86].
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dependence [Joe85]. **dependent** [Kam89].

derivation [Nel85].
derivations [Hol87, MCeSF85, MCeSF85].
derivative [Gof81]. **derivatives** [DN85].
derived [RSR89]. **Dérivée** [Rob83].
description [RU85]. **descriptor** [MK89].
design [Bai85]. **designs** [Wil82b].
detectability [Hau83].
detection [ACHS89].
determinacy [JORvdD87].
determinant [HG80, Mne89].
determinantal [Lav80].
determinants [KS80].
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Dichotomy [MC81]. **difference** [Lip86].
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differential [Spi82]. **differentials** [Won85].
differentiation [Ste86]. **digraph** [Sha85c].
digraphs [Sme81]. **dihedral** [Wan81b].
dimension [Laf85]. **dimensional** [CH80].
Dimensionality [SW84].
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direct-iterative [Neu80]. **directed** [Tho86].
direction [NM85]. **Directions** [DT87].
disc [Nic82]. **discovering** [Wat87c].
discrete [Caf81, Rob83].
discrete-time [Lin87b].
discretized [Sch86b]. **discriminant** [GD84].
discriminant-like [Men86].
discriminants [Bap89]. **discs** [Bar89c].
disk [SZ86]. **dispersion** [OP82].
displacement [SSS82].
displacement-rank [SSS82].
Dissection [GP80]. **dissipative** [BdP86].
distance [oPZ82]. **distance-regular** [Ito82].
distances [GH83]. **Distributed** [NW87].
distribution [Sen80].
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disturbances [Far85a]. **Dittert** [Hwa87].
divergence [NV84]. **division** [GS81].
divisor [BL89]. **divisors** [Rod80].
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Doković [Hwa86a]. **domain** [TvdW88].
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d'orthogonaux [MKC85]. **Double** [PL82].
doubly [Gib80a]. **Douglas** [CD83].
down [KG89]. **Drazin** [Wer85a, CG80].
Drazin-monotonicity [Wer85a].
Dual [FH80]. **Duality** [Zim80].
Dublin [GL85a]. **due** [Sak85].
d'une [Rob83]. **duplication** [Per88a].
during [Dan89]. **dynamic** [DM83b].
dynamical [Mur89].
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Efficient [GKK86]. **Egoritsjev** [vL81].
Egorychev [Bap84a].
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Eigendecompositions [Dem86b].
Eigenelements [Saa80].
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Eigenproblem [Pai80].
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electrical [BBV88]. **element** [HP86].
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embedding [DGK83]. **embrace** [dP80].
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equal [Bea81b]. **equality** [Rob80b].
equation [BK80b]. **Equations** [Axe80].
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equiconvergence [SSZ83].

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 eventually [Fei89]. everywhere [Sha83].
 evolution [Ama86]. **Exact** [NV84].
 excess [Big80]. exchange [Bar80].
 existence [GM80]. **Expansion** [Ste84].
Expansions [Rot81]. expected [McK81].
 experience [AG89].
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Explicit [Uhl81a]. **exponent** [Sha85c].
Exponential [PM80].
 exponentials [CFKK82].
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 extended [MP82]. **Extending** [Dav80].
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 face [LT86]. faces [TW80]. **factor** [DM83b].
Factored [LLT84]. **factorial** [MKC85].
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Falikman [Bap84a]. **families** [GS89].
 family [Lei81]. **Fan** [Meh84a]. **fast** [Ros80].
 faster [dP80]. **Feasibility** [GM80].

 feedback [DM83b]. **feedbacks** [Zhe87].
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