

A Selected Bibliography of Publications by, and about, Cornelius Lanczos

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Title word cross-reference

(2) [Mon95]. $(2 + 1)$ [Car94a]. (k) [YC99]. **\$11.50** [Jam70]. **\$12.50** [Bla76].
 $2 + 1$ [BV94a, LM94]. 2.5 [WCL⁺93]. **\$9.00** [Bel57]. $_2$ [SP99]. $_N$ [KBGE97].
 $Ax = \lambda Bx$ [Kal84, GUW72]. $C_n(x)$ [Ano52, Hig93, Hig96, Hig97]. D [Tor95].
 ℓ [SFvdV94]. γ [Pir94, WTVNF87]. $GF(2)$ [Cop93]. H [DT94, Edg94, HN94].
 $H_{\mu\lambda\kappa}$ [AD94]. k [CrFS09, SSS96]. K_- [FLL97]. L [CGR99, CHR02, MS01].
 $L_2(\mathbf{R}^d)$ [RS94]. \mathbf{F}_2 [PM08]. $\mathbf{R} \times T^2$ [LM94]. q [AD94]. $Q_{\mu\lambda}$ [AD94]. QR
[FG02]. $S = 1/2$ [MC92, Hon01]. $S_n(x)$ [Ano52, Hig93, Hig96, Hig97]. SR
[BF98]. τ [Col87, Den06, Wra66, Wri70]. $\tilde{X}^2A_1/\tilde{A}^2B_2$ [SP99]. $Y_0(z)$
[ZB95, Zha96]. $Y_1(z)$ [Zha95, Zha96].

-curve [CGR99, CHR02, MS01]. **-Dimensional** [Car94a]. **-eigenvalue**
[FLL97]. **-Lánczos** [FLL97]. **-method** [Col87, Den06]. **-methods** [Wra66].
-Ray [Pir94, WTVNF87]. **-Step** [SSS96]. **-Tensor** [Edg94, DT94, HN94].

0 [Wea01]. **0-929493-01-X** [Wea01]. '05 [Kau05].

1 [BRS92a]. **1893** [Mar93]. **1893/1993** [Mar93]. **1956** [Tei57]. **1964/1966** [CW67]. **1966** [GG71]. **1968** [Fil70, Moo71]. **1970** [Bir71]. **1972** [Mil73]. **1974** [GS74]. **1975** [BR76]. **1977** [Ric77]. **1981** [GL82]. **1989** [KvSR90]. **1993** [BCEP94, Mar93]. **1993-2002** [Ban02]. **1995** [ME96]. **1999** [F⁺00].

2007 [SM07].

3-5 [ME96].

40 [GS87].

539pp [Bel57].

672 [Lan67c].

900 [HE98]. **92j** [BRS92a]. '96 [ACM96, BDLS96].

ABLE [BDY99]. **Ableitung** [Lan33a]. **Absorption** [SP99, WTVNF87, RA93]. **Academic** [Bir71, Bla76, Cou71, Jam70]. **Academy** [Mil73]. **accelerating** [ADRS92, ADRS95]. **Acceleration** [TMC94]. **acceptance** [Coo87, Coo90]. **Accuracy** [Pai80, HL06]. **accurate** [GVBV06, TC08]. **ACM** [ACM97]. **ACM/IEEE** [ACM97, ACM98]. **Acoustic** [RA93]. **acoustics** [TLP08]. **action** [Lan25g, Lan69a, Lan72b]. **Adapted** [Wic94]. **Adaptive** [BDY99, Ber94a, FGP90, FGP91, TLP08, YBS⁺10, RR99, Sun99, Ye96]. **Addendum** [BRS92a]. **Adjoint** [Lan58b, Lan78a]. **Adjusting** [Ste02]. **Adler** [Bef94]. **advance** [Lan23b]. **Advanced** [Ort75b]. **advances** [FGN93a]. **advantages** [HW84]. **Aether** [Lan25e, Lan25d, Lan21]. **aether-equations** [Lan21]. **Aethergleichungen** [Lan21]. **Affine** [HN94, JZ08]. **age** [Mar96]. **Ages** [Jam70, Bir71, Lan70b, Lan73a, Cou71]. **Ahead** [Fre94b, GR00, BZS99, FGN93b, PT81, PTL84, PTL85]. **Akademie** [Tre66]. **Alapítvány** [Ban02]. **Albert** [Bri66, Bro66, Hou65, Mal65, See65, Tre66, Wre66, Lan55a, Lan59, Lan65a, Lan67b, Lan67a]. **Algebra** [HVB94, Hog07, Riv90, Gol73, Lan67c]. **Algebraic** [Kau05, Küc97, Sim03, WTV87, Wil65, BD97, Lan68a]. **Algorithm** [AHB94, BTGV07, BGV94, BG84, BLL92, Cla94, CSW02, Day97, FF94, GUW72, GS87, GLS94, GP94b, JN10, KW94b, LG90, Mon95, MF86, MO01, Nes65, Ng94, Pai76, Pai80, PS79, PR81, PSS82, Par90, Par94, Sch96a, Sco79, Sim84a, SWMC95, SWCM96, SWC99b, WL96, XCK94, XK94, ZS07, Bai94, Bau86, BF98, BF06, Blo84, BG91a, BG91b, BRS92b, BQW09, BvB97, CDvdV91, CC03, ÇHM00, CSW01, Cop93, CLWE89, CW81, CWL83, DFS92, DB98, Den06, ER82, FG02, FLL97, FGN93b, FF87, GGV96, GV99, Gol73,

GM97, Grc81, GP95, GL88, HE05, Huc95, JZ08, JP93, Kal84, Khe91, KC88, KC90, KL99, KV93, MSW87, MS93, NR07, Nex89, Par80, PT81, Par82, PTL84, PTL85, Par87, PC90, Pay87, PPS18, RR91, RA93, Rut53, Saa80a, Saa82].

algorithm [Sch96b, Seh86, Sha70, Sim84b, SH83, Tei98, TLP08, WC04, WB99, Yam68, Ye96]. **Algorithmic** [BBGL92, HKS93]. **Algorithms** [Ber94b, CW85c, CW85a, Cul94a, Cul94b, Cul94c, CZ02, ESB84, FSvdV98, Fre94a, GO89, Gre94, Gut92, Gut94a, KP74, KW92, PNOJ85, Saa94a, Saa94b, Vac91, BRS91, BRS92a, BS93, BRZ98, BZS99, CRZ94, CL94b, Cul96, CW02, EK97, ER87, FN96, GO87, GMG11, KC91, LW98, MS06, Meu06, MdM95, SWC99a, Ye91, Ye94]. **Algorithmus** [Rut53]. **allgemeine** [Sch81]. **allgemeinen** [Lan25a, Lan23d, Lan25g, Lan27a, Lan27b, Lan30b, Rei23, Tre66]. **ALPS** [Sun99]. **általános** [Lán29d]. **Alternant** [KBGE97]. **Alternative** [YC94, PdH02]. **am** [Tre66]. **among** [AD94, PNOL88, Par92]. **Amsterdam** [KvSR90]. **analiza** [Lan61d]. **Analyse** [Sad89]. **Analyses** [Grc81]. **Analysis** [BF87, Cal94, CSW02, GG96, GS87, Hou64b, Hou64c, Hou06b, KP74, Lan56, Lan61b, Lan61d, Leh95b, Leh95a, Pai76, Pug04, Saa94a, Saa94b, Sim84a, Vac91, Bai94, BJSR93, CW84, Dan40, DL42a, DL42b, Fas00, GL88, IC99, KC88, KJKL03, LD39, Lan55c, LG75, Lan88, Mil73, NO93, NOC84, NOC85, NO87, NOR89, PV99, RR99, RLAS97, Sca74, Sim98, SH83, SSS93, SSS94, S+62, Ye91, Bel57, Tei57, Tod58]. **Analytical** [Lan38b, Lan52a, Lan29b, Lan05d]. **andern** [Lan32b]. **Anlaß** [Tre66]. **anniversary** [Ban02]. **anomalous** [Lan30c]. **ansätze** [Ill05]. **Antennas** [FP94]. **anti** [Hon01]. **anti-ferromagnet** [Hon01]. **antiferromagnetic** [MC92]. **Anwendung** [Lan25a]. **appearance** [Lan32c]. **Appl.** [Hig93, Hig96, Hig97]. **Application** [BJSR93, Boy95, CC03, CSW02, CS94b, GAVC07, GW98, LD39, LWA99, Sid94, SSS96, XCK94, CDvdV91, Dan40, DL42a, DL42b, Kom03, Lan25a, Bor04, Mee05]. **Applications** [BF01b, BKS08, But94, CL94a, Fre94b, HL00, Ng94, NO89, Now94, SZ00, Vac91, Wel94, BG91a, BS05, FJ05, ME96, Num85, OR97b, Rod76, Sor95a, HL83, MdM95]. **Applied** [Bel57, F+00, GL84, Lan56, Lan61b, Lan61d, Lan88, Tei57, Tod58, GORR16, GL82, Han97, RR91, Seh86]. **appreciation** [Lan67h, Lan67i]. **Approach** [Bor00, Hal94a, Rim94, MGRB11, Lan62a]. **approchée** [Kry31a]. **approximants** [KW94a]. **approximate** [CrFS09]. **approximating** [Den06]. **Approximation** [God01, GT94, Lan64f, OR97b, Pug04, Riv90, SZ00, BY98, BEJ+18, Col87, Dru08, Grc81, Gut94b, ITS10, Lan35b, Lan36a, NO93, YR09, GMG11].

Approximations [Sid94, vdEH05, Fro09, GV99, Mor09, Ort75a, ZB95, Zha95, Zha96]. **APS** [Den06]. **Arbeit** [Rei23]. **arbitrarily** [VVBG07]. **Arbitrary** [BV94b, Gre58]. **Architectural** [SWC99b]. **Architectures** [GP94b, JP94, GP95, JP93, MdM95]. **Argonne** [BR76]. **Arithmetic** [Cse99, Gre94, MS06]. **Arnoldi** [Rad96, Wan01, BG84, Cul96, CZ02, GT94, JK94, Leh95b, Leh95a, LS97,

LYS98, Leh99, Mee98, Sim98, Sor95b, Sor95a, Sor96a, Sor96b, VV06].
Arnoldi/Lanczos [GT94, Sor95b, Sor95a, Sor96a]. **ARPACK** [LYS98]. **art**
 [Lán73d, vdV94a]. **Askey** [Mas94]. **Aspects** [MO01, SW72, Lan37].
Associated [AD94, BEGG91, GLA92]. **Astrophysical** [Wil94].
Astrophysics [BS94, MSY94, Sto94]. **asymmetric** [AE98].
Ätherstrahlung [Lan25e, Lan25d]. **Atom** [WTVNF87]. **Atomic** [BCA08].
attacking [BF06]. **Aufbau** [Lan35a]. **Auftreten** [Lan32c]. **Augmented**
 [BR05, MT95, Pai10]. **August** [F⁺00, GS74, Mil73]. **Ausgestaltung**
 [Lan30e]. **Australia** [ME96]. **automatic** [LP99]. **Avoiding**
 [BRS91, BRS92a].

Bach [Ray78]. **Band** [BF01b, GZA86, RRB94]. **Banded** [ESB84]. **Baryon**
 [SBS94]. **Based** [BF01b, Ber94b, Ber94c, CR02, CG97, GR00, Nag94, RG98,
 YC99, BTGV07, CGL94, CW80, Fis00, FGN93a, GMG11, Han01, HRT08,
 IC99, Lyn74, Ng94, RH10, SSS93, SSS94, TLP08, ZT07]. **Bases** [RS94]. **basis**
 [HL83, WC04]. **be** [Kni10]. **Before** [Coo94b]. **Behandlung** [Lan25d].
Behavior [Gre89, GS92]. **Beijing** [Kau05]. **Beitrag** [Lan21]. **Beitrag**
 [Rut53]. **Bemerkung** [Lan22a, Lan23b, Rei23]. **Berlin** [Tre66]. **Berliner**
 [Tre66]. **Beschaffenheit** [Lan26a]. **Bessel** [Rap94, ZB95, Zha95, Zha96].
Between [BP14, Lan33c, Mee98, PdH02, RN82, Wri70, vdV94a].
Bewegungsprinzip [Lan27a]. **Beziehungen** [Lan21, Lan29b, Lan25c]. **Bi**
 [vdVV95, GVBV06, VVBG07]. **Bi-Lanczos** [vdVV95]. **BI-RME**
 [GVBV06, VVBG07]. **BiCGSTAB** [YC99, SFvdV94]. **Biconjugate** [YC94].
Bidiagonalization [BR05, BGV94, JN03, JN10, SZ00, BR06, BQW09,
 CGR99, CHR02, HRT08, HPS06, KBG04, MS03, ZT07]. **Biennial** [ME96].
bifurcation [Pap90]. **Binary** [Fin94]. **biographical** [Gel93, Gel94].
Biorthogonalisierungs [Rut53]. **Biorthogonalisierungs-Algorithmus**
 [Rut53]. **biorthogonalization** [Rut53, Saa80a, Saa82]. **bisection** [CrFS09].
Black [And94, Bro94a, GGS94, Man94, Tei94, Wal94, PNO89]. **Block**
 [AHB94, ADRS92, BCR03, BDY99, Ber94a, Cul94a, Cul94b, GLO81, GLS94,
 GP94b, Mon95, NOC85, WL96, Bag00, BR06, BJSR93, BF06, CR99, Cop93,
 GP95, GJS04, GL88, GLA92, HE05, Jia98, KC88, KC90, KWPP89, Lam08,
 MSW87, Nex89, Saa80b, Ye96, ADRS92, ADRS95]. **Block-Lanczos**
 [BCR03, CR99]. **body** [WB99]. **Book**
 [Ano95, Bal75, Bar63, Bir71, Bla76, Bor04, Bro66, Cou71, Fil70, Gil62,
 Goo70, GG71, Hou65, Isa96, Jam70, Lan67c, Lew51, Mal65, Mee05, Moo71,
 See65, Smi63, Tei57, Tod58, Wea01, Wre66]. **books** [Ano94b]. **Bose**
 [CKLS05]. **Bosons** [Fra94]. **Boston** [CW67]. **Bound**
 [WTVNF87, CKLS05, JZ08]. **bound-constrained** [JZ08]. **Boundary**
 [Lan66a, Lan68a, Che81, Lan60a, Ode02, RA93]. **boundary-value** [Che81].
Bounds [CSW02, FW99b, FW99a, KW94b, Saa94a, Saa94b, SS94,
 vDHvdV01, CHR02, vDHvdV00]. **Box** [Bro94a, PNO89]. **Boyd**
 [Fil70, Goo70, GG71, Moo71]. **bracket** [Lan72c]. **Breakdown**
 [Kar94, BRS91, BRS92a, BRS92b, LAW98, Ye94]. **breakdown-free**

[BRS92b, Ye94]. **Breaking** [BM94a]. **Brown** [Ano95, Isa96]. **Bryan** [Hou64a, Hou75, Hou06a]. **BSOR** [CKLS05]. **Bur.** [Hig93, Hig96, Hig97]. **Bursts** [Pir94]. **butterfly** [BF98].

C

[Ano95, Bar63, Bel57, Fil70, Goo70, GG71, Hig93, Hig96, Hig97, Isa96, Smi63]. **calculate** [WC04]. **calculating** [BS56, Ret82]. **Calculation** [BS70, Fel74, MF86, MO01, SP99, Sor95b, Wil57, Wil58, ÇHM00, Dav75, Nex89, SBPH73]. **Calculations** [Car94b, WCSW99, Sor96a, TMC94, WZ94]. **Calculus** [Lan58e, Wic94, Lan62a, Lan73b]. **Calgary** [GS74]. **California** [ACM97]. **Cambridge** [Lan67c]. **Can** [Tre94, Kni10]. **Canonical** [Thi94, Bun97, Lan34a, Lan34b, Lan58d]. **Carolina** [BCEP94, Wea01]. **Cartan** [Ger03]. **Case** [Cul94a, Cul94b, BF06]. **Cauchy** [BK94, FG02, Ise94]. **Censorship** [BK94, Rud94, Gar94]. **Centenary** [Ano95, BCEP94, Isa96]. **centennial** [OR97b, OR97a]. **Center** [ACM98, Ric77]. **CG** [vdV94a]. **CGS** [Son89]. **CH** [KBGE97]. **chain** [LWA99]. **chains** [MC92]. **Challenge** [Sto94]. **challenges** [F⁺00]. **Changing** [Mee01a]. **characteristic** [BS56]. **characters** [Ger03]. **Charged** [GGS94]. **Chaussées** [GGMP88]. **Chauvenet** [Abb78]. **Che** [Lan67d]. **Chebyshev** [Hig93, Hig96, Hig97, Ano52, Boy95, BP14, BSPL96, Che81, Lan53, Lan73c, Loh84, Mas94, OIO03, Ode03, Ort94a, Riv74, Riv90, ZS07]. **China** [Kau05]. **Chiral** [SBS94]. **choice** [NO93]. **Christoffel** [Lan38c, Lan62c]. **chromodynamics** [F⁺00]. **Chu** [Ano95, Isa96]. **Cimmino** [ADRS92, ADRS95]. **Circulant** [fCL94]. **class** [KC91]. **Classical** [FM94, Man94, WTVNF87]. **Cliffs** [Bel57, Tei57]. **close** [RLHK51]. **Closed** [Lan25e, WTV87]. **Clustered** [AHB94, SWC97, Wül05a]. **CMoC** [Cla94]. **Co** [Bar63, IC99, KJKL03, NOC84]. **co-ordinates** [IC99, KJKL03, NOC84]. **COCR** [JHZ⁺09]. **code** [MGRB11]. **Codiagonal** [Wil57]. **coefficients** [AE00, Lan35b, Lan36a]. **Collapse** [KCGR94, Pea94]. **collected** [D⁺98, Wea01]. **collection** [Abb78, OR97b, OR97a]. **Collimated** [vP94]. **Collisionless** [SW94]. **Collocation** [EDO94, Wri70]. **colloquium** [CW67]. **Combination** [Eck26, DFS92, KV93]. **Combining** [Sch96a, Sch96b]. **commemorate** [OR97b, OR97a]. **Commentaries** [CGO07, D⁺98, Wea01]. **Commentary** [Hig93, Hig96, Hig97]. **communication** [NOC85]. **Comparative** [Ton92]. **Comparison** [NOPR88, PNOR87, vdV94a, GP94a, Mee98, RN82]. **complete** [ELT79, MS03]. **Completed** [Gut92, Gut94a]. **Complex** [Col87, God01, Rap94, DFS92, JHZ⁺09, Lan26a, PPS18]. **component** [CKLS05]. **Composite** [BM94a]. **Computation** [Ano56, BKS08, CGO07, DGK98, God01, Jen77, MT94, MT95, MCSW96, MCSW97, Rap94, CH90, Fie01, GVBV06, VVBG07, Kau05, Küc97, SM07]. **Computational** [BS94, HW84, HKS93, KC90, Lyn74, MSY94, Pai72, SM07, Sto94, ME96]. **computationally** [KL99]. **Computations** [BR76, CL94a, CW85c, CW85a,

GV83, GV89, GV13, GS92, CL94b, CW02, KO94, KV93, Meu06]. **Computer** [BF87, Cse99, F⁺00]. **Computers** [PNOJ85, Rod76, SGN94, Yan97, KC91, RLAS97]. **Computing** [ACM97, ACM98, BH95, BH96, Cse99, CW81, FJS84, F⁺00, GL82, GL84, GLO81, JN03, JN10, KBG04, Lan73a, MOR04, Nas90, SWMC95, SWC99b, vDHvdV00, vDHvdV01, CWL83, MS86, NN93, TC08, GL82]. **concept** [Lán76]. **concepts** [Lán76]. **concerning** [DGN75, Lan58d]. **condensate** [CKLS05]. **Condition** [KW94b, MS03, FGP90, FGP91]. **conditions** [Lan26d, VV06]. **Condon** [SP99]. **conducted** [Ric77]. **conduction** [CLWE89, NO87]. **Conference** [ACM96, ACM97, ACM98, BCEP94, FJS84, ME96, Mil73, SM07, BDLS96, Ano95, Isa96]. **Conformal** [FM94]. **Conjugate** [Bas97, BM94b, BES98, CRZ94, Eij92, ESB84, FF94, GO89, Gre89, GS92, Gre94, Ng94, NOPR88, Wül05b, CW80, GO87, MS06, Meu06, PNOR87, PdH02]. **Conjugate-Gradient** [Gre89]. **Connecting** [WTV87]. **connection** [Lan33c, PdH02]. **Connections** [AMM94, Lew94, Sid94, AE98]. **conservation** [Lán29d, Lan30b, Lan05a, Lan29a]. **Conserved** [Hus94]. **Constituent** [Szc94]. **Constrained** [GGvM94, JZ08]. **constraints** [Edg03, GZZ99, GZZ00]. **Construction** [YR09, CrFS09]. **contemporary** [Lan59]. **Continuation** [BH95, BH96, CWS97, CR99, CKLS05, CC03]. **Continued** [WTVNF87]. **contracted** [WC04]. **contribution** [Lan21]. **Contributions** [Sta94, Rut53]. **Control** [AHB94, Bol94b, Bol94a, CS94b]. **controllability** [BG84, BG91b]. **convection** [Ode03]. **Convention** [ACM98]. **Converge** [Sco79]. **Convergence** [Jia95, Leh99, SS94, SWMC95, Wül05a, Fro09, Han97, Li10, Saa80b, Ye91]. **Convergent** [God01]. **coordinate** [Lan22b]. **core** [HS07]. **coreproblem** [HPS06]. **Corfu** [SM07]. **Cornelius** [Ano95, Bal75, Bir71, Bla76, Bri66, Bro66, BCEP94, Cou71, Gil62, Hou65, Isa96, Jam70, Mal65, Moo71, See65, Tei57, Wea01, Wre66, Ano94a, Ano94b, D⁺98, Dic67, Gel93, Gel94, Gel10, Hor77, Lax94, Lew51, Mar94, McC75, OR97b, OR97a, RBE⁺75, Rod76, Sca74, Tod58, Tod94, You75]. **Correspondence** [Wri66]. **Corresponding** [GLO81, Dav75, SBPH73]. **cosa** [Lan67d]. **Cosmic** [Bri66, Bro66, Gar94, Rud94, Wre66, Hou65, Lan65a, Lan67a, Mal65, See65]. **Cosmological** [BGG⁺94]. **Cosmology** [Lan97b, Rin11, Lan24b, Rin09]. **County** [ACM98]. **Coupled** [AD94, BF01b, MO01]. **covariant** [Lan29c, Lan05c]. **CP** [Kep94]. **CR** [GT94]. **CRAY** [Sch96a, Sch96b, AHP97, GZA86, HE98]. **CRAY-T3D** [Sch96a, Sch96b]. **critical** [KL07]. **Cross** [GAVC07]. **Cross-Sections** [GAVC07]. **Crushing** [Gru94]. **cryptosystems** [BF06]. **crystal** [BS05]. **CTAC** [ME96]. **Currents** [Hus94]. **Curvature** [AE98, Rud94, CHR02, DGN75, Lan62c]. **Curvature-free** [AE98]. **curve** [CGR99, CHR02, Lan52a, MS01]. **curves** [Kiz66, Lan38a, Wri66]. **Cyclic** [KBGE97, BJSR93].

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 CW81, CWL83, CW84, Dav75, ELT79, FG02, FGN93b, Fro09, Lan26a, MS86,
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