A Complete Bibliography of Publications of Claude Elwood Shannon

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: http://www.math.utah.edu/~beebe/

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Abstract
This bibliography records publications of Claude Elwood Shannon (1916–2001).

Title word cross-reference

$4.00 [Mur57]. 7 \times 10 [Mur57]. H' [Siq98]. n [Sha55d, Sha93-45]. P/N \rightarrow \infty [Sha48j]. s [Sha55d, Sha93-45].


2001 [Jam09, Pin01]. 2D [ZBM11].

3 [Cer17].

978 [Cer17]. 978-1-4767-6668-3 [Cer17].
Aberdeen [FS43], ablation [GKL+13], above [TT12], absolute [Ric03], Abstract [Sha55c], abundance [Gor06], abundances [Ric03], Academics [Pin01], According [Sav64], account [RAL+08], accuracy [SGB02], activation [GKL+13], Active [LB08], Actually [Sha53f], Advanced [Mar93], Affecting [Nyq24], After [Bot88, Sav11], After-Shannon [Bot88], Age [ACK+01, Cou01, Ger12, Nah13, SG17, Sha02, Wal01b, Cer17], Ahi [New56], A'-h-mose [New56], Aid [Bro11, Sha78, Sha93y, SM53], Albert [New56], alcohol [SBS+13], Algebra [Roc99, Sha40c, Sha93a, Jan14], algorithm [Cha72, HDC96, LM03], alignments [CFRC04], alpha [BSWCM14], alpha-Shannon [BSWCM14], Alphabets [GV15], Alternate [Sha44e], Ambiguity [Loe59, PGM+12], America [FB69], American [Ger12, Sha78], among [AALR09, Di00], Amplitude [Sha54a], Analogue [Sha43a, Sha93b], analogues [Gor06], analyses [SBS+13], Analysis [Sha37, Sha38, Sha93-51, GB00, RAL+07, SGB02, TKL+12, dTS+03], analyze [HGR+12], Analyzer [MS53a, MS53b, MS93c, Sha93-27, Sha41d, FS43], Anecdotes [TW+87], angular [CS09], Animal [Sha49d, Sha93-41], Apparatus [Sha51b], Applicability [Tim02], Application [AALR09, JAS89, Sha48h, TW+87, VWB10, FCW+00, POA+08, Rif85, SSAK06], Applications [Fel66, Fel71, Fel09], Applied [BLR+02, BLR+01, MBD+03, dTS+03], Applying [ABS+13], Approach [Sha48, Sha55c, Sha93-38, BB88, LR05, Pri84, Pri85, RS06, Rog94, Wri67], approximation [Koc05], April [Jan09], aqueous [SGB02], Architectural [Pic08], Architectural [SBS+13], area [JSMS12], aromaticity [NS10], Articulation [Lei07], artificial [MMS06], Aspects [Sha80, Sha93-44], assemblages [Sic98], assess [RFME+12], assessment [BQhH08, JSMS12], Associative [Bot88], asynchronisms [RAL+07], atomic [AALR09, GFD03, SK04], atoms [Liu07, Sen05], Atrial [LMC11, GKL+13], attack [HN09], August [MMS06], Austria [Van89], Automata [SM56, SM74, Sha93m, Sha93-60, SW93a, Sha53c, Sha58c, Mur57], Automaten [SM74], Automatic [Min95], Automation [Min95, Sha63a, Sha93n], avoided [GFD03], award [Han10, Ano40b, Bar01, Kha16], Awards [Pin01], B [HGR+12, SW93h], backgrounds [WMS+12], Backlash [Sha41a, Sha93c], bacterial [ABS+13], Ballistic [FS43], Band [Sha54a], Bandwagon [Sha56a, Sha93d], Bandwidth [Sha44d], basada [Pla06], base [JGH00], Based [FM99, APMS+12, BQhH08, CFRC04, HSBJ02, Koc05, LM03, MBD+03, NS12, WGB09, WBB+12], Bayes [APMS+12], Be [Far03, Far02], Beautiful [Far03, Far02], before [Min02], Behavior [DS46, DS93], behind [Pic08], Beings [Sai64], Bell [Ger12, Min95], belied [dPV00], Berechnung [Sha57b], Best [Sha44a, Sha93e], beta [MHBL12], Betting [Sha56d].
Between [Min02, Liu07, RS06, Zha09]. beyond [LP12]. biases [Zee02].

Bihar [JAS89]. Binaire [Loe59]. Binary [Bar01, Loe59, Sha54b, Sha93q, SGB02]. Biodiversidad [Pla06].


Bounds [Mar08, Sha54a, Sha93w, Sha93x, SGB67a, SGB67b]. box [LM03]. box-counting-based [LM03]. brave [FFF09]. breaking [Eme01]. Breed [Bar01]. Bridging [RS06]. brief [Cro01]. Building [Hag79]. Builds [Bar01].

Bush [Sha93v, Sha39].

C [Mur57, Wal01a, SW93]. Calcul [Loe59]. calculation [Sha57b, Loe59].

Calculations [HWO90, SGB02]. Calculator [Sha93-42]. calvarial [RAL+08]. cancer [APMS+12]. Candidates [Pin01]. Capacity [BSWCM14, Bot88, GV15, Mar08, Sha56g, Sha56i, Sha57c, Sha93-47, Sha93-61, Sch06, Sha57b, SJ04, TT12]. Capacit¨at [Sha57b]. Case [Hag79, Sha48a]. cases [Key05]. Cathode [PST48]. Cathode-Ray [PST48].

caused [SBS+13]. Celebrating [Zac16]. cellular [RFME+12]. Century [Sha93n, WL85, Sha63a]. Certain [Nyq24, Nyq28, Sha48f, Sha57a, Sha93f].

chain [Koc05]. chain-based [Koc05]. chains [ZBM11]. Channel [Sha48a, Sha56c, Sha56g, Sha56i, Sha57c, Sha93-36, Sha93-47, Sha93-61, Sch06, Sha57b, Sha59c].

Channels [Sha58a, Sha93f, Sha59g, Sha93w, Sha93x, Sha93-32, Sha93-57, POA+08, Sha57a, Sha58b, Sha61, SGB67a, SGB67b, TT12]. Characteristic [Sen05]. characterizing [JGH00]. checking [FM99]. chemical [SSAK06]. Chess [Sha50b, Sha93h, Wha78, Lev88, Sha50g, Sha93-37]. Chess-Playing [Sha50b, Sha93h]. China [BQhH08]. cipher [AMS+10, HN09].

Circuit [GBR07, HS46, MS53a, MS53b, MS53c, MS93c, MS93d, Sha53j, Sha93y, SM53].

Circuits [FM99, MS54, MS93a, MS93b, OS44, OS93, Sha37, Sha38, Sha41b, Sha44e, Sha49f, Sha55e, Sha93-51, Sha93-48, Sha93-53, SW93d, Jan14, MS56a, MS56b]. classical [SS07]. classification [APMS+12]. Claude [Ano01c, Cer17, TWA+87, Ano40a, Ano40b, Ano00, Ano01a, Ano01b, Ano02, Bar01, Bro11, CS01, CLM+01, Cou01, Ell84, Eme01, Eph01, Gag98, Gal01, Gal03, Gol01, GBC+02, Gui03, Han10, Hor90, Hor11, Jam09, Joh01, Kha16, Lew01, Nah13, NWV94, O’R12, Pin01, Pri82, Pri84, Pri85, Roc01, Roc02, Sch06, Sha82a, Sha02, Sha14, Sha97, SW93k, SW93l, SW93s, SG17, SF03, SK01, Str14, Van89, Wal01b, Zac16]. Closing [Gui04]. Closure [Sha44c].

Clustering [DGH+06]. coasts [YLR+10]. Cobol [Bar01].

Code [Loe59, OS46, Sha43b, Gui04, Wri67]. Codes [Sha93-36, Sha59c]. Coding [Bot88, Gol49, Sha40a, Sha48a, Sha53d, Sha54b, Sha55c, Sha59a, Sha59b, Sha60, Sha93f, Sha93i, Sha93q, Sha93s, Sha93w, Sha93x, Sha93-38, TWA+87,
Sha57a, SGB67a, SGB67b, WMS$^+_{12}$, Zee02]. **codon** [FMSS03, Zee02]. **coherence** [LMC11, YN11]. **coherent** [RM06, YN11]. **collected** [SW93k]. **Collection** [Bro11]. **Colleges** [HS54, HS93]. **colon** [APMS$^+_{12}$]. **Color** [Sha40a]. **Coloring** [Sha93-54, Sha49g]. **Combining** [Gor06]. **Communication** [Hag79, OS46, Sha48b, Sha49d, Sha50f, Sha50i, Sha53a, Sha53b, SW63, SW71, SW76, SW83, Sha84a, Sha84b, Sha85, Sha93j, Sha93k, Sha93l, Sha93-32, Sha93-34, Sha93-35, Sha93-36, Sha93-37, Sha93-40, Sha93-49, Sha93a, SW98, Sha01, SW93c, Wea49, Wea53, Lyn77, Rog94, Sha58b, Sha61, SW64, SW69, SW72, SW75b, SW75a, SW78, SW81, Sha97, TT12, Yoc00, dPV00, Doo49]. **Communications** [Ano01c, Ano01b]. **Comparison** [GWZC12]. **comparisons** [AALR09]. **compendium** [Lev88]. **complete** [CHC$^+_{04}$, CHC$^+_{05}$]. **complex** [RFME$^+_{12}$, SSAK06]. **complexity** [LR05, SBS$^{+13}$]. **component** [TKL$^+_{12}$]. **Components** [Sha56f]. **Compound** [WVB10]. **compounds** [SGB02]. **Computability** [dLMSS54, dLMSS56, dLMSS93]. **Computation** [Bar01, Sha50j, Sha93-42, Ric03, Zee02]. **Computer** [Lap96, Lev88, Wha78, Sha50g, Sha93-37, Smi05, WL85, Pin01, Sha50j]. **Computers** [Sha53c, Sha53h, Sha63a, Sha93m, Sha93n, Sha93-33, SW93d]. **Computing** [Bult15, DM15, Sha85, Wal01a, LM03, Min02]. **computación** [SW81]. **comunicazioni** [SW71, SW83]. **Concavity** [Sha55b, SH56, Sha93o, Sha93p]. **concept** [GB00]. **Concepts** [Som09]. **conceptual** [Ell09, Tim03]. **Conceptualization** [Asp85]. **concerning** [Tho09]. **confidence** [MHBL12]. **confidentiality** [Gag98]. **configuration** [WBB$^+_{12}$]. **confined** [Sen05]. **Congress** [Bro11]. **Connected** [DS46, DS93, Sha07]. **Connection** [Pin01]. **connectivity** [RFME$^+_{12}$]. **conservation** [BQhH08]. **Consistency** [Sha91b]. **Contacts** [Sha53i, Sha93-39]. **Content** [WVB10, Rif85]. **context** [CLM$^+_{01}$]. **continued** [Sha48c]. **Continuous** [Sha43a, Sha93b]. **Contributions** [Sha93-60, Wea53, Sha58c]. **Control** [BBS46, Min95, Sha49d, Sha51b, Sha93-41, Min02]. **Controversies** [Bar01]. **Convergence** [GV15]. **conversation** [Ell84, Pri84, Pri85]. **Corporation** [Pin01]. **correcting** [Wri67]. **correlation** [RD04]. **Counters** [Sha44b]. **Counting** [Ell09, Kör96, Sha44b, Sha44e, Koc05, LM03]. **created** [Nah13]. **Creative** [Sha52a]. **Criteria** [Sha41b]. **Criterion** [Sha59b, Sha93i, Sha60]. **critical** [ZBM11]. **Crossbar** [HS46]. **crossings** [GFD03]. **Crossword** [Efr08]. **Crummy** [MS54]. **Cryptography** [Roc99, Sha45a, SW93c, BB88]. **Cryptology** [Roc99]. **crystalline** [SBS$^{+13}$]. **CSIDC** [Pin01]. **Cubic** [BER86]. **Cubics** [Sha82b]. **Cybernetics** [DL63, Sha49d, Sha68a, Min02, Sha93-41].

**Dartmouth** [MMS06]. **Data** [BSWCM14, BBS46, Cor87, Sha41c, WVB10, Bla65, LCW$^{+16}$, LHA$^{+16}$]. **data-smoothing** [Bla65]. **database** [GB01]. **Datalog** [KNS17]. **Daubechies** [JZL98]. **Days** [Bult15]. **Decomposition**
GBR07, LB08, MHBL12]. Decrease [Szi64]. deep [HGR+12]. Deflection
[Sha41f, Sha41e, Sha93-50, Sha93-46]. degree [ABS11, YN11]. Delay
[Sha56c]. Delsarte [AL07]. Demonstrates [Sha14]. demonstrating
[LHA+16], Demonstration [Sha14]. densities [AALR09, Liu07].
Dependent [WVB10]. Derivation [BS50, BS93]. Derivatives [Sha54a].
Description [Sha50j, Sha93-42]. Descriptor [WVB10, GB00]. descriptors
[GB01, GPM06, SGB02]. Desflurane [BLR+02, BLR+01]. Design
[FM99, Sha42, Sha93y, Sha93-55, SM53]. Detection
[Sha44a, Sha93e, HSBJ02, HTR+08, LMC11]. detectors [WBB+12]. detects
[CFRC04]. Determinate [Sha45b]. determined [YLR+10]. Deutung
[Sha57b]. Development [Sha85, Sle74]. Developments [Sha50f, Sha50i, Sha93-40].
Device [PST48]. diagnosis [TKL+12].

diagnostic [Rif85], diatom [Siq98]. Dictionary [Cor87]. Dies
[Ano01a, Bar01, Joh01, Ano01c]. differences [GB01]. Differential
[GB01, Sha41g, Sha93-27, Sha93-55, SGB02, Sha41d]. Difficulty
[Efr08]. diffusion [LS10]. Digital [ACK+01, Ano01c, Bul15, Cou01, Gol49,
LP12, Sha50c, Ano01b, Cer17, Eme01, HHC96, Wal01b]. dimension
[RAL+08, SBS+13]. Dimensional [Sha78, GWZC12, SJ04]. dimensionality
[CS09, POA+08]. Diorama [Sha82a, SW93b]. Director [Zor89, Pin01].
Director-Elect [Pin01]. discipline [Mat94]. Discrete
[Sha48g, Sha59a, Sha59b, Sha93i, Sha93x, Sha60, SGB67a, SGB67b].
Discussion [CMU+53, CMU+93]. Disjunctive [KNS17], distinctions
[Ell09], distinguish [WMS+12]. distinguisher [AMS+10]. distinguishing
[HN09]. Distortion [Sha59a]. distribution [Di00, NS12]. Distributions
[WVB10, AALR09, GPM06]. Divergence [CCHL05, MPPP97]. divergences
[AALR09]. diversity [BQhH08, BKU+94, De+12, Di00, GB00, Gor06, ID00,
Key05, MHBL12, Ric03, S06, Sqi98, SF03]. Division [Pin01]. Djings
[NWV94]. DNA [Bar01, Zha09]. Do [KNS17, dR55]. Doppler [HTR+08].
Down [Sha44b]. Dr. [Bre63]. Dream [Wal01a]. Dretske [Lon05]. Driver
[Sha78]. Drop [Sha82a, SW93b]. drug [FCW+00]. during [RAL+08].

dynamical [RAL+07]. dynamics [Let06, LM03].

E100 [LS35]. E58 [SSS34]. Early [Bul15, Sha14]. earth [Yoc00]. Economic
[BQhH08]. edited [Mur57]. Editorial [Sha56a, Sha84b]. Education [Hig63].
EEG [BLR+02]. effect [HGR+12]. effectiveness [Jan14]. Effects
[BLR+02, BLR+01]. Efficient [Sha48a, Sha54b, Sha93q]. einem [Szi29].
Eingriffen [Szi29]. einiger [Sha57b]. Einstein [Ano00, New56, Per05].
Elect [Pin01]. electric [GFD03]. Electrical [Ano40b, MS53a, WL85].
electroencephalographic [BLR+01]. electrogram [GKL+13]. electron
[GWZC12, RD04]. Electronic [Sha46]. element [BKU+94]. Elementary
[LS35, SSS34]. eleven [Sha07]. Elwood
[B011, Gal03, GBC+02, Jan09, SW93k, SW93j]. EMC [Pin01]. Employing
[OS46]. enabled [WMS+12]. encryption [Gag98]. engineer [Nah13].
Engineering [Cer88, Hag79, FFF09, Smi05, WL85]. Engineers
[Sha55b, Sha93p, LMC11]. **Functional** [FM99]. **Functions** [Sha48e, Sha53i, Sha55d, SH56, Sha93o, Sha93-39, Sha93-45]. **Fundamentals** [Sha53a, Sha53b, Sha93k]. **Funding** [Pin01].

**Game** [Sha55a, Sha93r]. **Games** [SW93d, Cha72]. **Ganga** [JAS89]. **gap** [RS06]. **Gating** [LB08]. **Gaussian** [Koc05, RM06, Sha59c, Sha93-36].

**Gaylord** [Ano34, Ano98, Ano00]. **geheime** [Roc10, Roc11]. **Genetic** [DGH+06, MBD+03, SGG04]. **General** [Cro63, Sha53d, Sha93s, Som09, NS12].

**Generalization** [BB88]. **Generalizations** [Sha48i]. **generalized** [Key05]. **generation** [Lyn77]. **genes** [JGH00].

**Genghis** [NWV94]. **Genius** [Cou01, Int03, Ano01b, Cer17]. **genomes** [ABS+13, CHC+04, CHC+05, CCHL05, JGH00, Zee02].

**Geometrical** [Sha56g, Sha57c, Sha93-47, Sha57b]. **Geometrische** [Sha57b]. **George** [Nah13]. **German** [Hag79, Roc10, Roc11, Sha50f, Sha57b, SM74, SW76, Szi29]. **Geschichte** [Roc10, Roc11]. **Give** [Sha53f]. **Go** [Bar01]. **Goals** [Pin01].

**Goodman** [Cer17, Doo18]. **grained** [LB08]. **Graph** [AL07, APMS+12, Cha72]. **graze** [dR55]. **Great** [Bel53, DM15, Far03, Lap96, Far02, Ger12, Pic08]. **grooming** [Di 00]. **ground** [Eme01]. **ground-breaking** [Eme01].

**Grundlagen** [SW76]. **Gun** [Zor89]. **Gunfire** [BBS46].

**Hanoi** [Sha53l]. **Haplotype** [PGM+12]. **Harvard** [Sha50j, Sha93-42].

**Hawking** [Pic08]. **healthy** [HTR+08]. **Height** [Sha41c]. **Helleh** [JSMS12].

**Hellman** [BB88]. **hepatitis** [HGR+12]. **heterogeneous** [ABS11]. **Hickman** [Sha40b, Sha93-59]. **High** [Pin01, CFRC04, HTR+08, LS10, SGB02].

**high-quality** [CFRC04]. **high-values** [HTR+08]. **highly** [SBS+13].

**Historical** [Cor87, Jan14]. **History** [Roc10, Roc11, FFF09, Rog94]. **Hla** [PGM+12]. **Hoffman** [AL07]. **holography** [LP12].

**Hometown** [Cer88]. **homologues** [CFRC04]. **Honored** [Ano40b]. **Honors** [Ano98, Cer88]. **Host** [RFME+12]. **Hour** [Min95]. **human** [APMS+12, Min02, Zee02].

**hyperentanglement** [CS09]. **Hypergraph** [LB08]. **hypotheses** [Di 00].

**idea** [Ger12]. **Ideal** [Sha48j, Sha55c, Sha55e, Sha93-38, Sha93-48].

**identification** [FCW+00]. **identifies** [SGB02]. **IEEE** [Pin01]. **II** [MS56b, M593b, SGB67b, Sha93x, Wri67]. **illumination** [YN11]. **imaging** [SJ04, YN11].

**Impact** [Gal01, Gal06]. **implanted** [SBS+13]. **implemented** [Cha72].

**implications** [GKL+13, Lyn77]. **inadequacy** [Tim03]. **including** [Rif85]. **incontinence** [TKL+12]. **Increases** [Pin01].

**Increasing** [CS09]. **independent** [Rif85]. **Index** [JAS89, BQhH08, BUK+94, Di 00, Gor06, ID00, Key05, Le07, Pla06, RS06, Sig98, SF03, WC99, Zha09]. **India** [JAS89].

**indicator** [GFD03]. **indice** [Pla06]. **indices** [Gor06]. **individual** [dPV00].

**induced** [SBS+13]. **Industrial** [Hag79]. **Industrie** [Hag79]. **Industrie-**
Industries [Cer88, RFME+12]. Inequality [GV15]. Inference [Pla06, Wri67]. Inferencia [Pla06]. inflamatory
[SBS+13]. Inform [San05]. informacii [DL63]. Information
[ACK+01, All04, Ano53, Ano98, Ano01a, Asp85, Cro63, DGH+06, DL63, Gal06, HWO90, Hor90, Lom05, Roc10, Roc11, Sav11, Sha49c, Sha50c, Sha52b, Sha53e, Sha56b, Sha58a, Sha59a, Sha63b, Sha68b, Sha93g, Sha93t, Sha93u, Sha93-49, SW93c, Som09, Str14, SG18, Tim02, WVB10, Zee02, ABS+13, Ale03, Cer17, CHC+04, CHC+05, CCHL05, CLM+01, Ell09, Eme01, GWZC12, Gui03, Hor11, HSBJ02, HTR+08, JGH00, Lei07, Liu07, LHV16, LR05, LS10, Lyn77, MBD+03, Nah13, Rio85, RD04, SSAK06, Sch06, Sen05, SK04, Sle74, Sle74, SG17, SJ04, SD96, Tho09, Tim03, YCS12, Co93, Roc10, Sha56d, Sha02, Som09, Roc11].
Informationskonzepten [Hag79]. Informationstheorie [SW76].
Infrequent [Sha54b, Sha93q]. innovation [Ger12]. Input [Sha55b, Sha93p]. Institute [Ano40a]. Instructor [Ano40b]. integral [SJ04]. integrated
[Fel06, Mar91, TWA+87, Fel71, Fel09]. Intuitive [Roc99]. invasive
[TKL+12]. invented [Ano01b, Cer17, SG17]. Invests [Pin01]. Involvement
Italian [SW71, SW83]. Iterative [WVB10].

Jimmy [Cer17, Doo18]. John [UKTS68, UK+69]. Juggler [Hor90].
Juggling [Sha80, Sha82a, Sha93-44, SW93b]. Kanal [Sha57b]. Kelly [Sha56d]. Key [Sle74]. Khan [NWV94].

kth [Koc05]. kth-order [Koc05].

Laboratory [HS54, HS93, Sha93-42, Sha50j]. Labs [Ger12, Min95]. laid
[Ano01b, Eme01]. Lakatos [Sha40b, Sha93-59]. L’Ambiguïté [Loe59].
Language [Sav64]. Large [DS46, DS93, Mar08]. Large-scale [Mar08]. laser
[HTR+08]. Lattice [Sha53e, Sha93u]. Lattices [Sha49e, Sha93-43]. laws
[ID00, Pic08]. Leap [Ano16]. Learning [Hig63, Sha14]. Least [BS50, BS93].
Leben [Roc10, Roc11]. lecture [Han10, TWA+87]. Lectures [Hig63]. Legal
[RFME+12]. Legal-Social [RFME+12]. Less
[MS93a, MS93b, MS56a, MS56b]. Letter [Sha39, Sha93v, TWA+87]. levels
[SGG04]. library [New56, Bro11]. Licklider [Wal01a]. Life
[Gal01, Roc10, Roc11, Mat94, Yoc00]. light [RM06]. Like [Bot88]. limit
MAC [Mar08]. Machine
[HWO90, GB00, GB01, LM03, RFME+12, SGB02]. molecules [Liu07].
momentum [AALR09, CS09, GWZC12]. monotonicity [SS07]. mose
[New56]. m¨oter [NWV94]. mouse [Zee02]. Moving [Sha50e, Sha93-29].
MRI [LS10]. much [Eme01]. multidimensional [HN09]. multinomial
[De'12]. multiple [De'12, Rif85]. Must [Far03, Far02]. mutations
[HGR+12]. Mutual [DGH+06, HSBJ02, Lei07, MBD+03].

Nachrichtentechnik [Hag79]. Naive [APMS+12]. Named [Pin01].
natural [HGR+12]. Network [EFS56, EFS93, Sha48d, Sha93-31, Sha93-54, Sha49g].
Networks [DS46, DS93, RS93, ABS11, RFME+12, RS42].
Neuentwicklungen [Sha50f]. Neumann
[ABS11, Sha58c, Sha93-60, TWA+87, UKTS68, UK+69]. Neural
[RFME+12, YCS12]. News [Bar01]. No [Sha82a, SW93b]. No-Drop
[Sha82a, SW93b]. Noble [Ano40b]. Noise
[Bot88, Sha93j, Sha49a, Sha84a, Sha98b, Sha48b]. Noise-Like [Bot88].
Noisy [Sha48a, Sha56d, Sha56c, Sha56i, Sha93f, Sha93-61, Sha57a].
Non [TKL+12, Rif85, WMS+12]. non-coding [WMS+12]. non-independent
[Rif85]. Non-invasive [TKL+12]. nonequilibrium [NS12]. noninvasive
[RAL+07]. Nonlinear [TT12]. Nonoverlapping [Sha44d]. nonuniform
[GWZC12]. Norbert [Sha49d, Sha93-41]. Normal [Sha48e]. normality
[Siq98]. Notation [Sha50a, Sha93-52]. Note
[EFS56, EFS93, Sha48f, Sha48g, Sha93-32, Sha58b, Sha48b]. Notes
[Gal49, Sha56d, Sha56c, SW93g, SW93h, SW93i]. novel [GB00]. Number
[DS46, DS93, RS93, RS42, SJ04]. Numbers [Sha48f, Sha50a, Sha93-52].
Numerical [YN11]. Nyquist [Ano17, WBB+12].

Obituary [CS01]. objective [RAL+08]. Obtaining [Cro63]. Oh [Wei88].
on-line [HTR+08]. One [KNS17, Sha54b, Sha93q, GWZC12, Pri84, Pri85].
one-dimensional [GWZC12]. onf [Gal06]. Online [Bar01]. Operation
[Sha53j]. Operators [Sha41g]. opinion [ID00]. Optical [CSJJ10]. Optimal
[Sha93-36, Sha59c]. Optimization [WBB+12]. orbital [CS09]. order
[Koe05, Zha09]. Ordering [Sha93-32, Sha58b]. organization [RAL+08].
Origin [Yoc00]. Outfit [HS54, HS93]. Overdamped
[Sha41a, Sha93c].

Panel [HS46]. Papers
[Bro11, CMU+53, CMU+93, Lap96, Sle74, SW93k, DL63]. Parallel
[RS93, GFD03, RS42]. Parametric [Ric03]. Parasite [RFME+12].
Parasite-Host [RFME+12]. Parkinson [Zor89]. Part
[SW93g, SW93h, SW93i]. Partial [Sha93-32, Sha58b]. partially
[RM06, YN11]. Partitioning [LB08]. pathway [RFME+12]. patient
[Gag98]. Pay [Sha56e]. PCM [OPS48, OPS93]. Peak
[BSWCM14]. Pedodiversity [ID00]. perfect [Gui04]. Periodic [Sha44c].
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