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/

28 December 2019
Version 1.76

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

Title word cross-reference

$27$ [Sil18]. $4.00$ [Mur57]. $7 \times 10$ [Mur57]. $H'$ [Siq98]. $n$ [Sha55d, Sha93-45].
$P/N \to \infty$ [Sha48]. $s$ [Sha55d, Sha93-45].


2001 [Gal03, Jam09, Pin01]. 2D [ZBM11].

3 [Cer17].

978 [Cer17]. 978-1-4767-6668-3 [Cer17].
behind \[\text{Pic08}\]. Beings \[\text{Szi64}\]. Bell \[\text{Ger12, Min95}\]. bellied \[\text{dPV00}\]. Berechnung \[\text{Sha57b}\]. Berkeley \[\text{Sug13}\]. Best \[\text{Sha44a, Sha93e}\]. beta \[\text{MHBL12}\]. Betting \[\text{Sha56d}\]. Between \[\text{Min02, Liu07, RS06, Zha09}\]. beyond \[\text{LP12}\]. biases \[\text{Zee02}\]. Bihar \[\text{JAS89}\]. Binaire \[\text{Loe59}\]. Binary \[\text{Bar01, Loe59, Sha93q, SGB02}\]. Biodiversidad \[\text{Pla06}\]. Biodiversity \[\text{Pla06}\]. biographical \[\text{Rog94}\]. Biographies \[\text{Cor87, Wei88}\]. Biological \[\text{HWO90, Ric03}\]. biologist \[\text{Sch06}\]. biology \[\text{Sch06}\]. biomarkers \[\text{APMS}^+12\]. Biopolitics \[\text{Roc99}\]. Bipolar \[\text{GKL}^+13\]. bit \[\text{Ale03, Ano01b}\]. bold \[\text{FFF09}\]. bone \[\text{RAL}^+08\]. Book \[\text{Cer17, Mur57, Roc11, Tra10}\]. Boole \[\text{Nah13}\]. Boolean \[\text{Jan14}\]. Bounds \[\text{Mar08, Sha54a, Sha93v, Sha63a}\]. Calcul \[\text{Loe59}\]. calculation \[\text{Sha57b, Loe59}\]. Calculations \[\text{HWO90, SGB02}\]. Calculator \[\text{Sha93-42}\]. calvarial \[\text{RAL}^+08\]. cancer \[\text{APMS}^+12\]. Candidates \[\text{Pin01}\]. Capacity \[\text{BSWC14, Bot88, GV15, Mar08, Sha56g, Sha56i, Sha57c, Sha93-47, Sha93-61, Sch06, Sha57b, SJ04, TT12}\]. Capazit¨at \[\text{Sha57b}\]. Case \[\text{Hag79, Sha48a}\]. cases \[\text{Key05}\]. Cathode \[\text{PST48}\]. Cathode-Ray \[\text{PST48}\]. caused \[\text{SBS}^+13\]. Celebrating \[\text{Zac16}\]. cellular \[\text{RFME}^+12\]. Century \[\text{Sha93n, WL85, Sha63a}\]. Certain \[\text{Nyq24, Nyq28, Sha48f, Sha57a, Sha93f}\]. chain \[\text{Koc05}\]. chain-based \[\text{Koc05}\]. chains \[\text{ZBM11}\]. Channel \[\text{Sha48a, Sha56c, Sha56g, Sha56i, Sha57c, Sha93-36, Sha93-47, Sha93-61, Sch06, Sha57b, Sha59c}\]. Channels \[\text{Sha58a, Sha93f, Sha93g, Sha93w, Sha93x, Sha93-57, POA}^+08, Sha57a, Sha58b, Sha61, SGB67a, SGB67b, TT12\]. Chaos \[\text{Sch91}\]. Characteristic \[\text{Sen05}\]. characterizing \[\text{JGH00}\]. checking \[\text{FM99}\]. chemical \[\text{SSAK06}\]. Chess \[\text{Sha50b, Sha93h, Wha78, Lev88, Sha50g, Sha93-37}\]. Chess-Playing \[\text{Sha50b, Sha93h}\]. China \[\text{BQhH08}\]. cipher \[\text{AMS}^+10, \text{HN09}\]. Circuit \[\text{GBR07, HS46, MS53a, MS53b, MS53c, MS93c, MS93d, Sha53j, Sha93y, SM53}\]. Circuits \[\text{FM99, MS54, MS93a, MS93b, OS44, OS93, Sha37, Sha38, Sha41b, Sha44e, Sha49f, Sha55c, Sha93-51, Sha93-48, Sha93-53, SW93d, Jan14, MS56a, MS56b}\]. classical \[\text{SS07}\]. classification \[\text{APMS}^+12\]. Claude \[\text{Ano01c, Cer17, Si18, TWA}^+87, \text{Ano40a, Ano40b, Ano00, Ano01a, Ano01b, Ano02, Bar01, Bro11, CS01, CLM}^+01, \text{Cou01, Ell84, Eme01, Eph01, Gag98, Gal01, Gal03, Gol01, GBC}^+02, \text{Gui03, Han10, Hor90, Hor11, Jam09, Joh01, Kha16, Lew01, Nah13, NWV94, OR12, Pin01, Pri82, Pri84, Pri85, Roc10, Roc11, Sch06, Sha2a, Sha02, Sha14, Sha97, SW93k, SW93l, SW93m, SG17, SF03, SK01, Str14, Van89, Wal01b, Zac16}\]. Closing \[\text{Gui04}\]. Closure \[\text{Sha44c}\]. Clustering \[\text{DGH}^+06\]. coasts \[\text{YL}^+10\]. Cobol \[\text{Bar01}\]. Code
[Loe59, OS46, Sha43b, Gui04, Wri67]. **Codes** [Sha93-36, Sha59c]. **Coding** [Bot88, Gol49, Sha40a, Sha48a, Sha53d, Sha54b, Sha59a, Sha59b, Sha60, Sha3f, 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, Sha48c, Sha48h, Sha49a, Sha49b, SW49, Sha49d, Sha50f, Sha50i, Sha53a, Sha53b, SW63, SW71, SW76, SW83, Sha84a, Sha84b, Sha85, Sha93j, Sha93k, Sha93l, Sha93m, Sha93-32, Sha93-41, Sha93-40, Sha93-57, Sha97, Sha98a, 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, SAK06]. **component** [TKL+12]. **Components** [Sha56f]. **Compound** [WVB10]. **compounds** [SGB02]. **Computability** [dLMSS54, dLMSS56, dLMSS93]. **Computation** [Bar01, Sha50j, Sha93-42, Ric03, Zee02]. **Computer** [Lap96, Lev88, Wha78, Bro00a, Sha50g, Sha93-37, Sni05, WL85, Pin01, Sha50j]. **Computers** [Sha53c, Sha53h, Sha93m, Sha93n, Sha93-33, SW93d, Sug13]. **Computing** [Bu1l5, DM15, Sha85, Wal01a, LM03, Min02]. **comunicación** [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]. **Connections** [AES17]. **connectivity** [RFME+12]. **conservation** [BQH08]. **Consistency** [Sha41b]. **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]. **Cryptography** [Roc99]. **crystalline** [SBS+13]. **CSIDC** [Pin01]. **Cubic** [BERS86]. **Cubics** [Sha82b]. **Cybernetics** [DL63, Sha49d, Sha68a, Min02, Sha93-41]. **Dartmouth** [MMS06]. **Data**
Data-smoothing [Bla65]. Database [GB01]. Datalog [KNS17]. Daubechies [JZL98]. Days [Bul15]. 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 [GB01, GPM06, SGB02]. Desflurane [BLR+02, BLR+01]. Design [BS50, BS93]. Derivatives [Sha54a]. Description [Sha50j, Sha93-42]. Descriptor [WVB10, GB00]. Descriptors [GB01, GPM06, SGB02]. 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, Sha42, Sha93-27, Sha93-55, SGB02, Sha41d]. Difficulty [Efr08]. Diffusion [LS10]. Digital [ACK+01, Ano01c, Bul15, Cou01, Gol49, LP12, Sha50c, Ano01b, Cer17, Eme01, HGD96, Wa101b]. 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, Sha50a, Sha50b, Sha93i, Sha93w, Sha93x, Sha60, SGB67a, SGB67b]. Discussion [CMU+53, CMU+93]. Disjunctive [KNS17]. Distinctions [Ell09]. Distinguish [WMS+12]. Distinguisher [AMS+10]. Distinguishing [HN09]. Distortion [Sha50a]. Distribution [Do 00, NS12]. Distributions [WVB10, AALR09, GPM06]. Divergence [CCHL05, MPPP97]. Divergences [AALR09]. Diversity [BQhH08, BUK+94, Deu12, Di 00, GB00, Gor06, ID00, Key05, MHBL12, Rie03, RS06, Siq98, SF03]. Division [Pin01]. Dijingis [NWV94]. DNA [Bar01, Zha09]. Do [KNS17, dR55]. Doppler [HTR+08]. Down [Sha44b]. Dr. [Brel63]. Dream [Wal01a]. Dreetske [Lom05]. Driver [Sha78]. Drop [Sha82a, SW93b]. Drug [PCW+00]. During [RAL+08]. Dynamical [RAL+07]. Dynamics [Let06, LM03].

[Bro11, Gal03, GBC+02, Jam09, SW93k, SW93l]. **EMC** [Pin01]. **Employing** [OS46]. **enabled** [WMS+12]. **encryption** [Gag98]. **engineer** [Nah13]. **Engineering** [Cer88, Hag79, FFF09, Smi05, WL85]. **Engineers** [Ano40b, Tra10, Jam10]. **England** [Sha78]. **English** [Sha51a, Sha93-34]. **Enigma** [Ano16, LHA+16]. **Ensembles** [Sha48e]. **entanglement** [POA+08, ZBM11]. **entropic** [NS12]. **entropies** [APMS+12, GWZC12, LR05, WMS+12, ZBM11]. **Entropieverminderung** [Szi29]. **Entropy** [BLR+02, GB01, GV15, HGR+12, JSMS12, LMC11, PGM+12, RFME+12, Sav64, Sha51a, Sha93-34, Szi64, WVB10, ABS11, BLR+01, CFR04, FMS03, FCW+00, GKL+13, GB00, GFD03, GPM06, HTR+08, Key05, Koc05, Let06, Lin07, LM03, MHLB12, Mat94, NS12, NS10, PP06, RAL+07, RM06, Ric03, RS06, RAL+08, SSK+05, Sen05, SK04, SS07, SBS+13, SGB02, SD06, Szi29, Szi76, TKL+12, WGB09, YN11, Zha09, dPV00, dTS+03]. **entropy-based** [CFRC04, WGB09]. **Entropy-TOPSIS** [JSMS12].

**Entstehung** [Hag79]. **Environmental** [YLR+10, JSMS12]. **Equation** [Sha42, Sha93-55]. **Equations** [Far03, FS43, Ale03, Far02]. **Ergebnisse** [Sha57b]. **Ergodic** [Sha48e]. **Error** [Sha56c, Sha56i, Sha93w, Sha93x, Sha93-36, Sha93-61, Sha59c, SGB67a, SGB67b, Wri67]. **error-correcting** [Wri67]. **Fifty** [Ver98]. **filter** [CFRC04]. **Finders** [Sha41f, Sha93-50]. **Finding** [Bro11]. **Finds** [Bar01]. **Fine** [LB08]. **Fine-grained** [LB08]. **Finest** [Min95]. **fMRI** [dTS+03]. **foray** [Cro01]. **Forecaster** [Sha56e]. **Forest** [BQhH08].

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inference [Pla06, Wri67]. Inferencia [Pla06]. inflammatory [SBS+13]. Inform [San05]. informacii [DL63]. Information [ACK+01, All04, Ano53, Ano98, Ano01a, Asp85, Bro00b, Cro63, DGH+06, DL63, Gal06, HWG09, Hor90, Lom05, Roc10, Roc11, Sav11, Sha49c, Sha50c, Sha52b, Sha53e, Sha56b, Sha58a, Sha59a, Sha63b, Sha68b, Sha93g, Sha93t, Sha93u, Som09, Str14, SG18, Tim02, WVB10, Zee02, ABS+13, Ale03, Cer17, CHC+04, CHC+05, CCL05, CLM+01, El09, Eme01, GWZC12, Gui03, Hor11, HSBJ02, HTR+08, JGH00, Lei07, Liu07, LHV16, LR05, LS10, Lyn77, MBD+03, Nah13, Rif85, RD04, SSAK06, Sch06, Sen05, SK04, Sle74, SG17, SJ04, SD96, Tho09, Tim03, YCS12, Col93, Roc10, Sha56d, Sha02, Som09, Roc11]. Informationskonzepten [Hag79]. Informationstheorie [SW76]. Infrequent [Sha54b, Sha93q]. innovation [Ger12]. Input [Sha55b, Sha93p]. Institute [Ano40a]. Instructor [Ano40b]. integral [SJ04]. integrated [JSMS12]. Integration [FS43, Sha50h].

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MAC [Mar08]. Machine [Ano16, Sha50b, Sha51c, SM53, Sha53g, Sha93h, Sha93y, Sha93-30, Sha93-35, Sha93-58, Sha14, Wal01a, LHA+16, Min02, Sha56h, Sha49d, Sha54c, Sha93-41]. Machines [Bre63, Sha42, Sha56f, Sha93r, Sha93-55, dLMSS54, dLMSS93, Bro00a, Sha55a, dLMSS56]. MADDIDA [TWA+87]. Made [Wal01a, Eme01]. magnetic [GFD03]. making [Gui03]. Man [Bre63, Pri84, Pri85]. Man-Machines [Bre63]. Mapping [DGH+06, MBD+03]. Maps [Pin01]. Marker [DGH+06]. Markhoff [Sha48g]. Markov [RFME+12, Koc05, PP06]. Markov-Shannon [RFME+12]. Mars [Smi05]. Martin [ID00]. master [Eme01]. Mastermind [Str14]. Masterpiece [Hor11]. matematica [SW71, SW83, SW81]. math [Luc12]. Mathematical [Ano00, CLM+01, Doo49, Roc99, Sha41d, Sha45a, Sha48b, Sha48c, SW49, SW63, SW71, SW75a, SW75b, SW76, SW83, Sha93z, Sha93-27, Sha97, SW98, Sha01, Wea53, Lyn77, SW64, SW69, SW72, SW75b, SW78, SW81]. Mathematician [Joh01]. Mathematics [Wea49, Jan14, New56]. mathématique [SW75a]. Mathematische [SW76]. Mathematization [Roc99]. Mathmanship [Sha53f]. matrix [Gor06]. Maximum [EFS56, EFS93, Rif85]. May [Bre63]. Maze [Sha51c, Sha93-35]. Maze-Solving [Sha93-35]. McCarthy [Mur57]. meaning [Sha57b]. Measure [Bot88, Cro63, JAS89, PGM+12, Sha59a, GB01, ID00, Mat94, NS10, SSAK06]. measured [SSK+05]. Measurement [BLR+02, BLR+01]. measures [RS06]. measuring [dPV00]. mechanical [RAL+07]. Mechanics [Tim02, Tim03]. Mechanism [Sha41c, Sha41f, Sha41e, Sha93-50, Sha93-46]. medical [Rif85]. medium [Ano01b]. Meets [Efr08, SG18, NWV94]. Membership [Pin01]. Memory [Bot88, Sha50d, Sha93-28]. Memoryless [Sha93w, Sha93x, SGB67a, SGB67b]. message [Ano01b, Gui03]. metagenomes [ABS+13]. Method [Cro63, Sha50c, Sha93-29, HSBJ02]. Methodology [WVB10, JSMS12]. Methods [Sha46]. microspheres [SB5+13]. migration
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Nachrichtentechnik [Hag79]. Naive [APMS+12]. Named [Pin01]. natural
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Rao [RS06]. Rate [BSWCM14, Sha41f, Sha55a, Sha93-38, Sha93-50]. rats [SBS+13]. Ray [PST48]. reactions [SBS+13]. Reading [Sha53g, Sha93-30].

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