A Bibliography of Publications in *International Journal of Foundations of Computer Science*

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01 May 2019
Version 1.70

Title word cross-reference

#P [Zan91]. **#P-Completeness** [Zan91].

$(-\beta)$ [Dom12]. $(1, 0)$ [ZK19]. $(1, 2)$ [BZ13]. $(2 + p)$ [ZG13]. $(2, 2)$ [ST16]. $(3k + 1)$ [DZ00]. (A, B) [JL01]. (δ, α) [CCF09]. (δ, γ, α) [FG08]. $(\delta, \kappa_\delta, \alpha)$ [FG08]. (n, k) [WC13, CC98, CHYT14, HLHH06, YCL11]. $(n, n(n + 1))$ [NS98]. 1 [CHWX09, Dic93, LR04, TCT14]. 11 [LJ17]. 2 [AV96, BYP95, FFMW19, HKT00, HJP+13, JZ16, JW08, Leo03, Pri06, TSFZRP17, XZS16, XCX17, ŽM11]. 2^n [CKZ17]. $2m$ [ZWCL14]. 3 [BYP95, DH96, JSPD03, KPS18, LJ17, SJ04, ST93, Tsi06]. 4 [XC15, ZZC15]. 7/3 [DSS15]. $\star$ [MTVM15]. $_2$ [Joh00]. A [XBE02]. $ab * c$ [KL03]. ASPACE($\log \log n$) [GP13]. β [Shu11]. c [CDFK19]. C^1 [XBE02]. $\mathcal{CTL}$ [MTVM09]. $\mathcal{CTL}*$ [MTVM09]. $\mathcal{I}_2$ [BW14]. $\mathcal{J}$ [BL14]. $\mathcal{R}$ [BL14]. D [HLY+04, AE99, DG98, RS01]. ℓ [DDHL11]. f [DGL93]. $F_p + \nu F_p$ [WGF16]. $\frac{7}{3}$ [Ram05]. $G(2^m, 2)$ [YCTW10]. G^{xy+} [AT15]. G^{xy-} [BTO17]. GF(2^n) [WXF16]. H [GMU15]. K [BT07, CHWX09, PV98, ZBS05, Aku06, AE99, DDHL11, DG98, DGL93, EHS15, IZN99, INY07, KPS13, LZ12, MXY+04, Nak04, RS04, TCLS10, YTN01, ZZZ16, ZK19]. $K_{m,m}$ [Kan15]. L [ADD+18, PSS12]. $L(2, 1)$ [LLW18]. $L(j, k)$ [Cal15]. L_p [CMR07]. M [Jun14, PT18, Teh16a, Teh16b]. $\mathbf{F}^*_{2^{2m}}$ [ZWCL14]. $\mathbf{Z}_{p^2}$ [HSS19]. $\mathbf{GF}(2)$ [BB99]. $\mathbf{UG}_b(n, n(n + 1))$ [Noc98]. μ [DL12]. N

Qua07]. **Activity** [BGMV08]. **Acyclic** [AMR08, BPR09, FZFDCHB05, GVL07, KLB13, ZWS96]. **Ad** [AWF03, CIS03, LBJ03, SB12, WLF03, WD03]. **Ad-Hoc** [CIS03]. **Adapting** [CFG12]. **Adaptive** [BKS12, CLT14, CHYT14, KG11, LX94, LBJ03, SW09, TL99, Tse16, VJDT05]. **Add** [ANDZM09]. **Addition** [Wan04]. **Additive** [SS07a]. **Adic** [XZS16]. **Adjacent** [AKS14]. **Adjustable** [HZZT12, WY05]. **Adjusting** [KSJ08]. **Advanced** [Qua07]. **Advances** [CDFK19, HO00]. **Adversary** [BHK+18b]. **Advertisements** [NH02]. **Advice** [BBB+18, FH05, KSY14]. **Aerial** [Ami05]. **Affine** [BKP18, Rov00]. **Affirmative** [PHPJRN+11]. **AFL** [BJ07a]. **Against** [BCFR07, BHK+18b, HMZ05, HCETPL+12, TCT14, Uen13]. **Agent** [BF07, BDDN01, EH12, MM07, NH02]. **Agents** [DSS08, FHL07, LK11, LCVLV09, LRT92, MCS08]. **Aggregation** [RGR11]. **Agreement** [BVM00, MNS11]. **Agreements** [Tru08]. **Aid** [CMWZ19]. **Alberto** [SCIS15]. **Algebra** [GC15, GB03, Hea11, Lar99]. **Algebraic** [BM16, BMW91, BÉ11, FH05, Kri97, TCT14, TJZ13, ZWCL14]. **Algebras** [ALR04, Ali16, BE92, BE93, KLB13, MRT95, Ole92, SN13, TST01a]. **Algorithm** [ATK12, ANDZM09, ARS11, BV08, BB04, BKS12, CPY02, CF06, CFRD08, CDJ09, CTZ01, CL03, CLT14, CHYT14, DGN07, DN16, DG98, FL09, FZAM08, FJ12, Fri10, Fuj17, GKSZ19, GLV14, Gro03, GD12, GWL+17, HKV17, Hei97, HO99, HM04, HW17, Hut02, IST05, IZN99, JHK08, KK10, Kar99, Kör03, LW93, Li01, LJH+17, LCL06, MDAPHPJ+11, MOSZ18, MTNN99, MC13, NGHK15, Nis07, Okh06, PRN13, PYTH10, PR00, Pym92, QFL+15, SW09, SS07b, ST99, SKW08, Tor13, TSFZRP17, Tsi06, WG17, Won96, Won01, XS11, ACM11, CCM11]. **Algorithmic** [BS12, CFMR05, DGMM15, GGR14, HPV99, Riv04]. **Algorithms** [AFB96, Aku06, AILR16, AC05, AMR05, AMR11, ADD+18, AE02, AE05, Ars15, AMOZ07, BT07, BRM07, BH02, BCFL12, Bur12b, CD15, CCM97, CCF09, CFG12, CGKN08, CHWX09, CHA+92, CPC99, CHZ06, CCG+11, DP90, DPS99, DD13, DGL93, DWS15, DMSS16, ERW04, ECY02, FZ15, FZEBB05, FPPS03, FA06, GO09, GHJS05, Gol90, GM19, GKS+19, HL06, HP09b, HLW09, IMP12, INY07, IMS03, JMSO05, JZ16, KSMMT18, KKH90, LTW02, Leu04, Li12a, LMM+12, MPS99, Mas04, Moh02, Moh03, Nak04, NB18, OSZ92, RLWW96, SRR15, Sah01, SK01, SK03, SJ04, SG04, Ste93, TV07, Tor15, TL99, Tse16, WRNK03, WM05, WH03, ZBS05, Zom03, FG08]. **Alignment** [AES18, AE02, BBM+12, CK08b, FM96, GD12, PYTH10, TFF18]. **Alignment-to-Alignment** [FM96]. **Alignments** [CCP18]. **Alive** [BC12]. **Allocation** [BRSRC11, NWK06, WG17]. **Almost** [BKST18, HJ13, PS12a, PP11]. **Almost-Equivalence** [HJ13]. **Almost-Universal** [BKST18]. **Alphabet** [Dom12, GNP+06, JMR91, JJS08, Jir11, Pig15]. **Alphabet-Independent** [GNP+06]. **Alphabets** [CTS18, Leu16, Mas13]. **Alternating** [AK14, BCPR07, CLLL08, HIIW01, HIR+92, IIT91, MO10, Slo95]. **Alternative** [dSMOC18, Set08]. **Ambiguity** [AMR11, Iba15, KMK11, Leu05, MS04, MPJ07, Şer09, SL17]. **Ambiguous** [Mig90]. **American** [SGZ02]. **Amiable** [Ata07]. **Among** [DDPS19]. **Amount** [BGRY16]. **Amplitudes** [Nis03]. **Analog** [LWJ+10]. **Analog/Mixed** [LWJ+10]. **Analog/Mixed-Signal** [LWJ+10]. **Analyses** [KPM15, Tse16, ZPXX17]. **Analysis** [AHL+13, AH07, BYP95, BV98a, Bee95, BAK12, BCB12, BET03, DN16, DES09, EH12, FSWF11, FZAM08, FBK05, Gol90, HP09b, HM04, IDR97, KR97, Leo03, LCY12, Li12a, LN08, LPP92, Lug11, MH06,

[Ros03]. **Careful** [Vor16]. **Carpi** [Ber11]. **Carriers** [GH07]. **Cartesian** [MRT95, Ole92]. **Cartesian-Closed** [MRT95]. **Cascade** [WGD18]. **Cascading** [Sal18, Sub05, Wan14]. **Case** [BLP18, BMS12, BDC90, DN16, FK06, Fle96, KP10b, Lag17, PSA17, YH11, ZSW14]. **Cases** [BCR11]. **Catalytic** [HFLD09]. **Categorical** [Sak01]. **Categories** [MOM91, Oli13, RGR11]. **Category** [ÉM11, MRT95, Ole92]. **Catenation** [CLMP16, CGKY11, CGKY12]. **Catenation-Intersection** [CGKY11]. **Catenation-Reversal** [CGKY12]. **Catenation-Star** [CGKY12]. **Catenation-Union** [CGKY11]. **Catenations** [Mel93]. **Caterpillars** [AB17a]. **Cauchy** [Ruo96]. **Cauchy-Peano** [Ruo96]. **Causal** [BCB12]. **Cayley** [BK16, CP99, CL07a]. **CCZ** [BH11]. **CCZ-Equivalence** [BH11]. **Cd** [FO08, BCVVH07, CVDV10, MO09, Sun05]. **CD-Systems** [MO09]. **CDS** [Fuj16]. **Cell** [AFO06, RCTC$^+$09]. **Cell/Symbol** [AFO06]. **Cellular** [DJ12, Dub95, FZ03, GSD03, JHK08, Mar08b, Sir15]. **Centralized** [Ott13]. **Cerný** [GGJ$^+$19, Ste11]. **Certain** [KRK16, Sal11, Won01]. **Certificate** [ZGCZ18]. **Certificate-Based** [ZGCZ18]. **Certificateless** [DZH16]. **Certify** [GHWZ05]. **Chain** [GSZ99, JSO10]. **Chains** [DI02, DHR08]. **Chandra** [KMW12]. **Change** [CTS18]. **Changes** [LZ93, Vik96]. **Channel** [BBL$^+$12, BNS03, GSD03, HLH19, NN93, Nak04]. **Channels** [MG14, YBM11]. **Chaos** [EMRB12]. **Characterisation** [D's03]. **Characteristic** [IB12, LCXS19]. **Characteristics** [OS01]. **Characterization** [ÉI14, KM17, MM05, MCS08, Mar08b, Okh05, OS93, Ric19, RW11, YTN01]. **Characterizations** [IS12, JM03, KSV00, OY11, PPJY08]. **Characterizing** [IW07, JC03]. **Charts** [EGPS10]. **Checking** [CGR13, CFH$^+$03, EHK06, HW10, LD01, Sch10, YW06]. **Checkpoint** [PNN$^+$10]. **Checkpointing** [GCK08, MM07, YSM$^+$00a]. **Chemical** [HFLD09, KPM15]. **Choffrut** [BMY17]. **Chomsky** [DV14, PPJY08]. **Choose** [INY07]. **Chord** [CCF08]. **Chordal** [FHL07, NS13]. **Christian** [BMY17]. **chunk** [AP92a]. **Church** [AD12, KM07b]. **Ciliate** [DH05]. **Ciliates** [BHR09]. **Cipher** [LJ17]. **Circle** [Klo96a]. **Circuit** [Bir11, LWJ$^+$10, RVT06, Vin05]. **Circuit-Size** [Bir11]. **Circuits** [FGH$^+$07, GB03, GRB03, IP08, PRS98, SUZ13, YB06]. **Circulant** [HSS19, SZQS18, YCTW10]. **Circular** [Asv07, DS96, GP17, MM97, MMR10]. **Circular-Arc** [GP17]. **Circulating** [SK01]. **Circulation** [GS12a]. **Circumscription** [Lis93]. **CKY** [BIIN04]. **Class** [AGM14, BS92, CPJ06, ERW04, Has00, Jai95, MR11, MN00, Oka99, Sch13, TCT14]. **Classes** [Arv97, AP90, ABDP05, CCPS04, CM92, Cap96, GO09, Géc07, GR00, HT12, HK95, KSV00, LV08, NCC$^+$07, SH17, UU07, XZS16, XCX17, vLW15]. **Classic** [IN13]. **Classical** [BMP15, Fia08, Oga00, ZQL12, CV13]. **Classification** [ATK12, SKL03, ZLW$^+$17]. **Classifying** [SWZ97]. **Claus** [HHH07]. **Clauses** [FGL$^+$90, SN13]. **Clique** [BLM04, DJL$^+$07, GR00, LV08, MR99, MM97, Ste93]. **Clique-Width** [BLM04, GR00, LV08, MR99]. **Clock** [D's03]. **Close** [Fre02]. **Closed** [MRT95, Ole92, TW09]. **Closeness** [AO11, Dan11, YB19]. **Closure** [CK08a, DMMM14, HIIW01]. **Closures** [BGS11]. **Cloud** [MLO17, WHLH17, YMC$^+$17, ZLW$^+$17]. **Cluster** [ABL$^+$11, BBP11, Ber13, BNR99, IN08, URS07]. **Cluster-Based** [ABL$^+$11, BNR99]. **Cluster-Dot** [IN08]. **Clustered** [CDFK19, FPP03]. **Clustering**

[CB09]. **Nameless** [Kam98]. **Natural** [Cha97]. **Nature** [AETZ05]. **Nature-Inspired** [AETZ05]. **Near** [BW14, HT09, XCX17]. **Near-Bent** [XCX17]. **Near-Optimal** [HT09]. **Nearest** [HL01]. **Nearly** [BJ07a]. **Necessary** [ZWW+14]. **Negative** [CS18]. **Neighbor** [ABT16, BTK13, BTO17, HL01, KA18, WQY16, LBJ03]. **Neighbourhoods** [DP90, NRS18]. **Nerode** [SMS90]. **Nested** [CZTH13, DP14, FGL+90, Gre96, HLW09, RT16]. **Net** [LPC11]. **Nets** [AH11, BCB12, GRV10, JC03, MOM91, Muk92, RHS10, YWY94, Yen09]. **Network** [BRSRC11, Cas05, CL98, CX98, CCG+11, DR05, FZ03, KR97, Klo96b, LYG17, LOZ98, LPS07, Lug11, MKB+11, Oka98, RR18, WQ97, ZYYH14]. **Networks** [AWF03, AOSY10, AHL+13, AO11, BV98a, BY18, BNS03, BDDN01, CP99, CDPT16, CIS03, CFMS15, CL03, CYS+12, CHA+92, Cig04, CD95, CD09, DHIÖ97, DGN07, DCS13, DM08, FPPS03, GKKP99, GSD03, GNC+03, HKV17, Hei97, Hsu98, ISAZ08, JS97, KAPF05, KKP97, Láz13, Li12a, LYH+15, LBJ03, LC18, MMS05, MCM+11, PPR02, QD03, Ros00, SB12, SP04, TL99, WLF03, WD03, WY05, XLC+04, XFJ03, ZC13, DDHL11]. **Neural** [FIO08, IW07, KMG11, PPJR06, PPJR07, PPJS07, SRPC11]. **Newcomb** [Rav08]. **NFA** [JMR91, Leu05, Pol05, RS07]. **NFAs** [CCP05, DESW05, Van05]. **NFSR** [WGD18]. **NL** [DK11]. **NL-Complete** [DK11]. **NLC** [Joh00]. **No** [Nak04]. **Node** [HKV17, WQ97, WY05]. **Node-Disjoint** [HKV17]. **Nodes** [IML04]. **Noisy** [MG14]. **Non** [AG01, Ada10, AS18, BM90, BCHK09, CD15, CK07, Dai97, DPR07, DESW05, ES01, FLST12, Fre08, GJV00b, GRB03, HL01, IMS03, Jeż08, KZ10, Kap05, Kut05, MC13, PP11, TY15]. **Non-Abelian** [IMS03, PP11]. **Non-Blocking** [Dai97]. **Non-Boolean** [PP11]. **Non-Constructive** [Fre08]. **Non-Definability** [ES01]. **Non-Deterministic** [Ada10, KZ10, MC13]. **Non-Ending** [CD15]. **Non-Floundering** [BM90]. **Non-Linear** [DPR07]. **Non-Periodic** [CK07]. **Non-Primitive** [FLST12]. **Non-Qubit** [GRB03]. **Non-Recursive** [Kap05, Kut05]. **Non-Regular** [Jeż08]. **Non-Standard** [AG01]. **Non-Symmetric** [GJV00b]. **Non-Synchronizing** [TY15]. **Non-Uniform** [AS18]. **Non-Uniform-Degree** [HL01]. **Non-Uniqueness** [DESW05]. **Nonblocking** [WM13]. **Noncounting** [KY96]. **Nondeterminism** [HKKŠ13, PSA17]. **Nondeterministic** [BKW02, Cha02, CC05, GPS14, HK03, HK09b, HJ14, HJ17, JRPIP08, JJS08, KO18b, Mar09, Sao92, Tha91, Vin05]. **Nondeterministically** [HHN+95]. **Nonenumerable** [Sch02]. **Nonexistence** [ZLL11]. **Nonlinear** [HG11, PP11]. **Nonlinearity** [CH15, Car11, LHG11]. **Nonregular** [Mer08, YS13]. **Nonsingular** [XLZ19]. **Nonstandard** [Bee95, BSBZ08]. **Nonterminals** [KK07]. **Normal** [Asv07, Cai94, Ési12, FSM11, Lin08a, RKRR02, VS93]. **Normalization** [Moh02]. **Note** [AHR02, BB99, BHL+97, BS16, CKK02, FM13, GMU15, IIK+04, LZ15, Mac96, Mas13, Szw95, YB19, Zaj09]. **Notes** [Okh07]. **Notion** [Gra90]. **Notions** [IYD05, SNJ11]. **Novel** [DCS13, LH11, SRR15, SGZ02]. **NP** [BGI+18, Dic93, GP13, GSZ09, MW05]. **NP-Complete** [BGI+18, MW05, GP13]. **NP-Hard** [Dic93]. **NP-Pairs** [GSZ09]. **Number** [AMR15, AB17b, AE99, CP03, ÇA18, CFIJ10, DV11, Dom04, FY08, FT11, GRRS14, HB06, HJK12, JWB03, KA18, LZ93, LY94, Pan91, PR12, RS01, RRT99, Vik96, WQY16]. **Numbering** [MNS11]. **Numberings** [Jai95]. **Numbers** [BS16, BPT06, CK18, HFLD09, Jir11, LO11,

[Li12b]. **Problem** [AP92b, BLR09, BCR11, BCD14, BHK18a, BB04, BL01, BDG+11, BLM15, BDI+11, CF06, CCF09, CKK02, DDD18, DGN07, DRDN08, DRS14, DD13, FPS02, FZ13, FP04, Fin12, Fuj17, GKS17, GLP07, GD12, HH11, HL04, HJK12, HO99, Hon02, Hon06, Hon07, IMS03, KL03, KLS+19, LAHN14, LW05, LW06a, LZ12, Lin07, MXY+04, Mar92, Mar08a, NSVA12, NB18, NAK+15, Pan91, RC11, SB17, SS07b, Ste93, Tor13, Tor15, Vin05, WD90, YTLC02, ZZZ16, Ueh99]. **Problems** [AK06, AE05, AB91, BPR09, BHK05, BKP18, BCC13, CCF08, CHWX09, CCI12, CD95, CR15, CS93, DH05, DJL+07, FZ15, GC15, GGR14, GPPJR13, Gol90, Gon01, Hut02, IDY08, Iba11, Iba15, JMSO05, Kar09, KPSC08, Lar98, Löd15, Loh10, LOPR18, Man15, MVM07, RWZ01, RLWW96, TY15, WG17, Yen08, ZYLW12]. **Procedure** [GN04]. **Procedures** [BET03, FMC04, FK05, FKT07, Sal11]. **Process** [AH07, DD12, GCK08, Kri97, SN13]. **Processes** [Cas95, FGH+07, HW10, SMS92]. **Processing** [BRSRC11, CW11, HS95, HLW09, KBH99a, SSS09]. **Processor** [CE98, Leu04, RR06]. **Processors** [DM08, HB06, LY94, MCM+11, NKW08]. **Product** [DPR+08, MS12]. **Production** [Wil91]. **Products** [BK16, CV14, CR15, TSS13]. **Prof** [SSS13]. **Profile** [Car11]. **Program** [RR04, Rud15, Wan04]. **Program-Based** [RR04]. **Programmed** [Fer07]. **Programming** [Ano01c, Cos90, FZ02, GN04, Hin01, ND02, Pre01, RR06, Rov00, Sub90a, Sub90b]. **Programs** [ACV13, BM90, BAK12, BET03, CIY01, CJS92, HB06, HV02, Jai95, RKRR02, Sao92, Sto92, Tha91, Vik96]. **Progress** [APV06, Pal03]. **Projections** [TZ91]. **Prolog** [HST01, MT95b]. **Prolongeable** [CDJ09]. **Promoters** [Sbu06]. **Promoters/Inhibitors** [Sbu06]. **Proof** [AKS95, GN04, GM90]. **Proofs** [Arv97]. **Proper** [MM97]. **Properties** [AB91, BMS18, BLL06, CRS12, CC98, Dai97, DPR07, DH96, DD08, DD06, DQFL12, DMSS16, DK12, FH05, FY11, GK11, JC03, KMS11, Kun16, LOZ98, MT10, MMR10, NPSY00, Pri06, RS13, Sak01, TW09, Vor18]. **Property** [Elm06, Gaz06, HIIW01, Ric19, WM13]. **Proportional** [GPS14]. **Proposal** [Špr09]. **Propositional** [Pla96, Sal13]. **Protect** [YMC+17]. **Protein** [HMZ05]. **Proteins** [PPRPS11]. **Protocol** [BV98a, GCK08, HCETPL+12, HT09]. **Protocols** [ADR11, CIS03]. **Provable** [ZPXX17]. **Provably** [GH13]. **Proving** [GHS13, GRRS14, Sak01]. **Proxy** [DZH16, MLO17]. **Pruning** [WD03]. **Pseudo** [KMS11, ST93]. **Pseudo-Primitive** [KMS11]. **Pseudorandom** [NAK+15]. **Pseudovarieties** [Ali16]. **PSPACE** [JYF91, vdM00, DW03]. **PTAS** [DFLL02, GJKS18]. **Public** [GKS17, HLH19, WZ15, YMC+17]. **Public-Key** [GKS17]. **Publicly** [SZQ+17]. **Pumping** [GTCV19, MP07]. **Pure** [JM03, Mal07]. **Pursuit** [IML04]. **Push** [BCC+96]. **Pushdown** [AK14, AKS14, ABH17, CVMVMV00, IJT+93, KMO10, LNP16, Löd15, Lug11, Mas13, Nak18, Ott15, PI95, Pig09, RT16, Sao92, Set08]. **Pushout** [ALR04]. **PVsub** [AP92a].

Q3Ap [LMM+12]. **QoS** [XLC+04]. **Qsort** [MIN11]. **Quadratic** [BBP11, CCI12, KS10, NSVA12, XCX17]. **Qualitative** [CMWZ19]. **Quality** [MKB+11]. **Quantifiers** [BV98b, Lüc18]. **Quantifying** [AS18, EGPS10]. **Quantisation** [CCM11]. **Quantitative** [DV14]. **Quantum** [ATK12, Arn17, AD12, BMP03, BCD14,

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