

A Complete Bibliography of Publications in  
*ACM SIGAPP Applied Computing Review*

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23 January 2020  
Version 1.00

## Title word cross-reference

*k* [BBH11].

**11g** [MMC12]. **12000** [LLMW93].

**2001** [Dam01b, FS02, vD02]. **23rd** [FS02].

**3d** [CYLL16]. **3d-stacked** [CYLL16].

**802.15.4** [TFSO14]. **802.15.4-based** [TFSO14].

**90** [NDS96].

**abstracting** [KR13]. **Accelerated** [HEK<sup>+</sup>13]. **Accelerating** [GG11].  
**access** [MMSV02]. **accessibility** [MCP15]. **accessible** [OTYM01].

**achievements** [Dij99]. **activation** [GD14]. **Active** [BHK<sup>+</sup>15, BDMT16, QHW<sup>+</sup>13, Raj99a]. **adaptation** [DOP<sup>+</sup>14, GLPT12]. **Adaptive** [PPM18, ARS15, FF11, PEVR13, TH19]. **adaptors** [ATS96]. **Addressing** [YPB19]. **adjusting** [CYLL16]. **advantage** [War95]. **advertisement** [AJS<sup>+</sup>13]. **advisory** [SKH93]. **affect** [AJS<sup>+</sup>13]. **after** [LLC16]. **Agent** [SPB01, Ano01b, VF01]. **agents** [BWLP01, Det01, JL99, WW01]. **aggregation** [RHA11]. **agile** [FS02]. **aided** [PSS17]. **aircraft** [TO94]. **alarm** [VFMM94]. **alert** [HF19]. **algorithm** [KHC<sup>+</sup>11, KL17, LHO12, Rai99, Ros19, SPPP11]. **algorithms** [HK15, SP16]. **Alignment** [Hua93]. **amplicon** [BP18]. **Analysing** [SB96]. **Analysis** [LHO12, FMNP94, LCM18, PKBH17, SD12, SD13, SS02, TJ12, VSF97, VGH<sup>+</sup>16, ZCG<sup>+</sup>16]. **analytical** [DOP<sup>+</sup>14]. **Android** [ZCG<sup>+</sup>16]. **aneurysm** [LBKV01]. **annotations** [MCY<sup>+</sup>19]. **anomalies** [BP18, PC19]. **anomaly** [FF11, PSS17]. **anonymity** [AHH12]. **Answering** [FT19]. **applets** [CR98]. **application** [HURU11, LLMW93, LSV12, LCL12, RFB<sup>+</sup>15, SS93, SW99]. **applications** [ARS15, CPT10, HYL<sup>+</sup>17, Jan93, KP18, LCM18, LF19, MBR17, PZ18]. **applied** [TAdOD13]. **Applying** [CRX18]. **approach** [AJS<sup>+</sup>13, BS97, HMY95, HK17, HDC<sup>+</sup>14, Ish96, KKEK17, KR13, MZAS14, MBR17, Rai99, SS93, SHV13, SD12, SER15, SB16, SKH93, SL99, YSCX17]. **architecture** [CDT18, Cit93, LW12, PZ18, VF01, YKdSM14, vD02]. **architectures** [GRJD15, KKEK17]. **archival** [HMY95]. **arrays** [JPM16]. **artificial** [SD12]. **Aspect** [CCDS13, HK17]. **aspect-based** [HK17]. **Aspect-driven** [CCDS13]. **AspectJ** [RZW01]. **assignment** [KL15]. **assistance** [VFMM94]. **assistants** [NYKI98]. **assisted** [Tre02]. **association** [AB12, MN18]. **attack** [SSE18]. **attacks** [HF19]. **attention** [LNLC16]. **attribute** [BHK<sup>+</sup>15]. **authoring** [MVOdGCP11]. **AutoFix** [YSCX17]. **Automated** [CC17, FRNNS18, YSCX17]. **Automatic** [MVOdGCP11, LC13]. **automotive** [SB16]. **autonomous** [KCDS98, STP<sup>+</sup>12, SSS<sup>+</sup>11]. **avoidance** [SSS<sup>+</sup>11]. **avoiding** [TFSO14]. **aware** [CCDS13, HCC<sup>+</sup>17, KJMJ10].

**back** [Alo18]. **bandwidth** [ZPH<sup>+</sup>15]. **Based** [AKBJ14, AHH12, Alo18, AdSR<sup>+</sup>12, BHK<sup>+</sup>15, BDMT16, CDAR11, CO00, DF96, FRNNS18, FF11, GRJD15, HF19, HK17, HEK<sup>+</sup>13, HYL<sup>+</sup>17, HCC<sup>+</sup>15, HCT<sup>+</sup>13, KP18, KTH18, LWC<sup>+</sup>12, MBR17, MCP15, MYX<sup>+</sup>14, NHM15, PND<sup>+</sup>13, QM15, QHW<sup>+</sup>13, RFB<sup>+</sup>15, SHV13, SD13, SMK17, SSS<sup>+</sup>11, SSQJ99, SL99, TJ12, THW14, Tre02, TFSO14, UOB<sup>+</sup>13, VPB19, VSF97, Van02, YHTN01, YKdSM14, YAG<sup>+</sup>15, ZCG<sup>+</sup>16]. **behavior** [BK19, MCY<sup>+</sup>19, MR01, SPB01]. **behavior-driven** [BK19]. **behavioral** [RP11]. **best** [Dam01b]. **between** [TD14]. **bigraphs** [GRJD15]. **binary** [HLF<sup>+</sup>19]. **Biologically** [AB12]. **blackboard** [SS93]. **blended** [MAM<sup>+</sup>16]. **blocking** [LC13]. **blogosphere** [HK15]. **boosted** [PSS17, SD13]. **bounded** [LCL12]. **BPEL** [CPT10]. **Brazilian** [MAM<sup>+</sup>16]. **browsing** [MCY<sup>+</sup>19].

**Buffer** [SHV13, FD15]. **buildings** [LMLAK17]. **built** [LSV12]. **bulk** [MZ97]. **business** [CC17, KR13, PC19]. **BYOD** [SSE18]. **bypass** [CCSK11].

**C** [BP18, Chi96, SHV13, SW99, YSCX17]. **C/C** [SW99]. **cache** [HCT+13]. **caching** [SPPP11, YHTN01]. **Cagliari** [FS02]. **calculus** [CW19]. **call** [GDJ96]. **cancer** [MN18]. **cardinality** [Baa19]. **Case** [RZW01, BC94, MAM+16]. **CC** [Kes96]. **CD** [HMY95]. **CD-ROM** [HMY95]. **CD-ROM/WWW** [HMY95]. **centers** [GSKJ18, VFMM94]. **centres** [NOVS11]. **cGA** [TAdOD13]. **challenges** [Dij99, RC99]. **channel** [LF19]. **character** [ABCW95]. **characterization** [AW95]. **characterizing** [CGR99]. **checking** [FRNNS18]. **Chief** [Ber94]. **choice** [Raj99b]. **Cholesky** [Alo18]. **classification** [AB12, BS97, DF96, HCC+15, MBP12, SUV97]. **classification-based** [HCC+15]. **classifier** [SD13]. **classifiers** [TD14]. **clone** [MRS12, ZRS13]. **clothing** [Ros98, Ros19]. **cloud** [LK13, ZCG+16]. **cloud-based** [ZCG+16]. **clustering** [HYL+17, HMB12]. **clustering-based** [HYL+17]. **CMPs** [CYLL16]. **Co** [KK97, FS02, LF19]. **co-located** [FS02]. **Co-operative** [KK97]. **co-resident** [LF19]. **code** [DF96, DF97, LLS12]. **coded** [JPM16]. **coding** [MN18]. **codings** [Rai99]. **coexistence** [OWB+14]. **collaboration** [OWB+14]. **Collaborative** [OTYM01, BHK+15, FS12, LWC+12, SSW02]. **collections** [Raj99a]. **Combining** [BCI18]. **Communication** [AKBJ14, MYX+14]. **communications** [Cit93, HYL+17]. **Community** [NYKI98, UOB+13]. **company** [Rin00]. **Comparative** [WA94]. **competition** [SPD+19]. **Competitive** [War95]. **compilation** [DL16]. **complex** [MBR13]. **components** [BS97, CP14, DF96, GD14, VWT13]. **Composite** [FdE11, TJ12]. **compositional** [Kes96]. **compositions** [BBH11]. **compressed** [MPFC12]. **computation** [CDAR11, Kes96]. **computations** [Bad96, GG11]. **Computer** [PSS17, LLMW93, Tre02]. **computer-assisted** [Tre02]. **Computing** [Dij99, SN96, Chi96, HCC+15, Ish96, JCP17, Muk99, Nic02, RC99, Raj99b, Raj99c, Vil99]. **concepts** [Baa19]. **concurrency** [OKK13]. **Concurrent** [Jan93, CW19, RZW01]. **conference** [FS02]. **configurable** [LCM18]. **conflict** [FS12]. **considerations** [KL15]. **consistency** [FRNNS18]. **constraint** [AM98]. **consumer** [FD15]. **consumers** [BSG16]. **consumption** [VWT13]. **container** [Rai99]. **content** [AdSR+12]. **content-based** [AdSR+12]. **context** [CCDS13, PEVR13]. **context-aware** [CCDS13]. **Contextual** [CDT18]. **contract** [WCR95].

**Control** [AKBJ14, Ano01b, BWLP01, CYLL16, Muk99, OKK13, TBC94, VFMM94]. **controller** [LW12]. **controllers** [TO94]. **Cooperative** [AKBJ14, AM98]. **Coordinating** [CR98, KCDS98, NOVS11]. **Coordination** [AM98, UOB+13]. **core** [SWH+13]. **cores** [CYLL16]. **correlated** [YHTN01]. **correlation** [HF19, NHM15, Nyg94]. **Cost** [SSQJ99, MPSR00, WCR95]. **Cost-based** [SSQJ99]. **courses** [MAM+16]. **CPU** [VWT13]. **creation** [Tre02]. **creational** [CP14]. **critical** [FRNNS18, NRH13]. **cross**

[HMY95, SER15, TCPC17, UOB<sup>+</sup>13]. **cross-community** [UOB<sup>+</sup>13]. **cross-layer** [TCPC17]. **cross-platform** [HMY95]. **crowdsensing** [PZ18]. **crowdsourcing** [LMLAK17]. **CSPs** [LY13]. **current** [CDT18]. **Cytochrome** [BP18].

**DAG** [QM15]. **Data**

[OKK13, Alo18, AB12, CGP02, CCDS13, FT19, FRS16, GSKJ18, LCM18, LCL12, MZ97, PKBH17, PND<sup>+</sup>13, RHA11, TJ12, WHC19, YHTN01, YPB19]. **data-flow** [TJ12]. **data-reflective** [CCDS13]. **databases** [GG11, Han95, WHC19]. **Dealing** [CO00, MMC12]. **deceptive** [LHO12]. **decision** [WCR95]. **declarative** [LSV12]. **DECmpp** [LLMW93]. **decomposing** [Ros98, Ros19]. **decomposition** [Alo18]. **deduplication** [LF19]. **deep** [BCI18]. **defense** [THW14]. **defined** [CRX18]. **delay** [CRX18]. **demise** [Ber95a]. **demonstration** [SSW02]. **Deployment** [GD14, GRJD15]. **derivation** [CGP02]. **description** [Baa19]. **Design** [DF96, PZ18, CCDS13, CP14, FMNP94, Gea94, HCT<sup>+</sup>13, NRH13, TO94, VF01]. **Designing** [RC99, RP11]. **details** [Dam01b, Raj99c]. **detect** [APSHB15]. **Detecting** [BP18, PC19, TD14]. **detection** [AJS<sup>+</sup>13, HF19, KHC<sup>+</sup>11, LC13, LLS12, LNLC16, LF19, MPNdL10, PSS17, SPD<sup>+</sup>19]. **detector** [FF11]. **develop** [SW99]. **development** [AM00, CPT10, KKH<sup>+</sup>17, LLMW93, NRH13, VSF97]. **deviations** [CO00]. **device** [HYL<sup>+</sup>17]. **device-to-device** [HYL<sup>+</sup>17]. **devices** [AJS<sup>+</sup>13, DL16, HCT<sup>+</sup>13]. **DGAs** [SPD<sup>+</sup>19]. **diagnosis** [PSS17]. **dialect** [Chi96]. **dictionaries** [MPFC12]. **digital** [NYKI98]. **dimensionality** [Alo18]. **directions** [CDT18]. **Discriminating** [FRS16]. **discussion** [vD02]. **distance** [YKdSM14]. **Distributed** [Muk99, AM98, BHK<sup>+</sup>15, CR98, CGR99, JL99, Kes96, OTYM01, RC99, Raj99b, Raj99c, RZW01, WW01]. **distribution** [PPM18]. **Document** [VPB19, HMB12, JCP17, SD12]. **Document-based** [VPB19]. **document-level** [SD12]. **documentation** [CC17]. **documents** [APSHB15, MMSV02, MVOdGCP11, Tre02]. **Domain** [VSF97, BSV97, DF97, LY13, MZ97, PZBdBC18, SB16]. **domain-specific** [PZBdBC18, SB16]. **DRAMs** [CYLL16]. **drift** [YPB19]. **drive** [JPM16]. **driven** [BK19, CCDS13, CP14, LCL12, MBR17]. **drives** [LW12]. **dual** [HMB12]. **duplicate** [LC13]. **DVS** [KL15]. **Dynamic** [SP16, SS02, HLF<sup>+</sup>19, LCL12, PPM18, YH16]. **dynamical** [TCPC17]. **dynamics** [LNLC16].

**e-health** [NOVS11]. **e-markets** [MPNdL10]. **E/E** [SB16]. **Early** [DGS<sup>+</sup>14]. **Ecxpert** [Nyg94]. **editor** [Raj99b, Ber94]. **Editor-in-Chief** [Ber94]. **editorial** [Dam01a, DEM02, Par01]. **education** [OTYM01]. **educational** [Van02]. **effective** [MN18, TFSO14]. **effectiveness** [MYX<sup>+</sup>14]. **Effects** [MCY<sup>+</sup>19, Val97]. **efficiency** [BSVV96, KL15, SAL19]. **Efficient** [CCSK11, DL16, HCC<sup>+</sup>15, SPPP11, CYLL16, KTH18, KHC<sup>+</sup>11, LKH17, TH19]. **elderly** [MZAS14]. **elementary** [SER15]. **Eliminating** [LY13]. **emails** [TD14]. **embedded** [DL16, HCC<sup>+</sup>15, LKP12]. **embedding** [NHM15].

**empirical** [MRS12]. **end** [CRX18, HDC<sup>+</sup>14]. **end-to-end** [CRX18, HDC<sup>+</sup>14]. **Energy** [AKBJ14, KL15, SAL19, YAG<sup>+</sup>15, ZPH<sup>+</sup>15]. **energy-and-bandwidth** [ZPH<sup>+</sup>15]. **engineering** [Ano01a, FS02, SSW02, SS02, VGH<sup>+</sup>16]. **enhancement** [MR01]. **Enhancing** [HLF<sup>+</sup>19]. **ensemble** [SD13]. **enterprise** [CC17, SSE18]. **entities** [KCDS98]. **entity** [APSHB15, BDMT16]. **environment** [Ang95, Ish96, KGKK96, LLMW93, LCL12, OTYM01, RC99]. **environmental** [OTYM01]. **environments** [FS12, SSE18, SSS<sup>+</sup>11, YH16]. **epistatic** [LHO12]. **eraser** [JPM16]. **erasure-coded** [JPM16]. **Error** [AKBJ14, FD12]. **Establishing** [BWLP01]. **estimation** [MPSR00, VWT13, YH16, YKdSM14]. **Ethernet** [OD93]. **Europa** [GDJ96]. **evaluation** [CBV97, HK15, PZ18, PZBdBC18, TWK<sup>+</sup>13]. **evaluations** [QM15]. **evasion** [SPD<sup>+</sup>19]. **event** [Nyg94]. **everlasting** [SPD<sup>+</sup>19]. **Evolutionary** [MR01, CDAR11, SP16]. **exchange** [UOB<sup>+</sup>13]. **execution** [HLF<sup>+</sup>19]. **experiences** [MMSV02]. **Experiencing** [GS96]. **experimental** [TWK<sup>+</sup>13]. **Expert** [LK93, TBC94, VFMM94]. **explain** [FD12]. **exploiting** [Nyg94]. **expression** [FRS16, LNLC16]. **expressions** [APSHB15]. **Expressive** [Baa19]. **existing** [DF97]. **extended** [LV18]. **extensibility** [CW19]. **extendible** [LSV12]. **extension** [MMC12]. **extensions** [OWB<sup>+</sup>14]. **extent** [MMC12]. **external** [KP18]. **Extracting** [DF97, HK17]. **extraction** [BDMT16, CC17, FD12, SL99]. **eXtreme** [FS02]. **eye** [LNLC16].

**face** [NHM15]. **faceted** [BS97]. **facial** [LNLC16]. **factoring** [BVC<sup>+</sup>14]. **factors** [KKH<sup>+</sup>17]. **facts** [ZSRS13]. **Fairness** [SWH<sup>+</sup>13]. **fall** [MZAS14]. **fault** [KHC<sup>+</sup>11, RM12]. **faulty** [GD14]. **feasibility** [LCM18]. **Feature** [AdSR<sup>+</sup>12, TD14, YPB19]. **feedback** [LMLAK17, VPB19]. **fiction** [ZSRS13]. **fiducial** [LKH17]. **field** [KTH18, LBKV01, TH19]. **file** [HCT<sup>+</sup>13, KJM10]. **filtering** [LWC<sup>+</sup>12]. **fixing** [YSCX17]. **flash** [HCT<sup>+</sup>13, KHC<sup>+</sup>11, PND<sup>+</sup>13]. **flash-based** [PND<sup>+</sup>13]. **flexible** [KR13, KGKK96, LK13, LV18, NRH13]. **flow** [LCM18, LBKV01, TJ12, TCPC17, YSCX17]. **flow-oriented** [LCM18]. **fly** [TO94]. **fly-by-wire** [TO94]. **focus** [PZBdBC18]. **forecasting** [YAG<sup>+</sup>15]. **foreign** [MMSV02]. **formal** [DF97, GRJD15, MBR17, SUV97]. **formation** [NYKI98]. **Fortran** [NDS96]. **forum** [vD02]. **framework** [AHH12, BBH11, CBV97, HMB12, KP18, KTH18, KKH<sup>+</sup>17, LSV12, MBR13, MZ97, NRH13, PZBdBC18, Raj99a, Tre02, TH19, UOB<sup>+</sup>13, VSF97]. **framework-based** [VSF97]. **frameworks** [Val97]. **Fraud** [MPNdL10]. **free** [FD15]. **frequency** [CYLL16]. **Functional** [LCM18, SER15]. **future** [CDT18, Nic02, Raj99b]. **fuzzy** [BS97, BBH11, CO00, DF96, MA00, MKR93, MPSR00, PEVR13].

**game** [THW14]. **games** [DGS<sup>+</sup>14]. **gateway** [SW16]. **gaze** [LNLC16]. **gene** [FRS16]. **Genealogical** [ZSRS13]. **generation** [LWK14, TH19]. **generative** [DF97]. **generic** [HDC<sup>+</sup>14]. **genetic** [BDMT16, LHO12, Rai99]. **genre**

[HK17]. **geographic** [CCSK11]. **global** [KKH<sup>+</sup>17, RC99]. **global-scale** [RC99]. **GNU** [ZPH<sup>+</sup>15]. **government** [LK93]. **grammars** [BHK<sup>+</sup>15]. **graph** [FRS16, HF19]. **graph-based** [HF19]. **graphical** [BK19]. **greedy** [Ros19]. **green** [LWK14]. **grid** [MYX<sup>+</sup>14, YAG<sup>+</sup>15]. **group** [PZBdBC18]. **grouping** [TFSO14, TCPC17]. **guaranteed** [FD12]. **Guaranteeing** [HDC<sup>+</sup>14]. **guarded** [BHK<sup>+</sup>15]. **Guest** [Dam01a, DEM02, Par01, Raj99b]. **guide** [War95].

**hard** [QM15]. **Hardware** [OWB<sup>+</sup>14]. **harmonizing** [RFB<sup>+</sup>15]. **hashing** [DOP<sup>+</sup>14]. **Hazard** [BC94]. **health** [NOVS11, UOB<sup>+</sup>13]. **help** [APSHB15]. **Hensel** [LLS12]. **heterogeneous** [AM98, JPM16, KTH18, KL15, SWH<sup>+</sup>13]. **heuristic** [SER15]. **hibernation** [HCC<sup>+</sup>15]. **hidden** [TFSO14]. **High** [Kes96, Chi96, LW12, WCR95]. **high-performance** [LW12]. **high-yield** [WCR95]. **highly** [LCM18]. **highly-configurable** [LCM18]. **Hitec** [GS96]. **hole** [CCSK11]. **homogeneous** [JPM16]. **hot** [PND<sup>+</sup>13]. **Hough** [FF11]. **Hough-transform-based** [FF11]. **HPC** [GDJ96]. **HTML** [Bou95]. **human** [KKH<sup>+</sup>17, LNLC16]. **humanities** [Nic02]. **Hybrid** [Han95, HCC<sup>+</sup>17, HCT<sup>+</sup>13, PC19, SPPP11, TAdOD13, WHC19]. **hyperspace** [DOP<sup>+</sup>14].

**ICC** [Chi96]. **identification** [BC94, MN18, PND<sup>+</sup>13]. **IEEE** [TFSO14]. **IHE** [UOB<sup>+</sup>13]. **image** [AdSR<sup>+</sup>12, MR01, NHM15]. **images** [Lea98]. **impact** [HURU11]. **implementations** [HEK<sup>+</sup>13]. **improve** [MAM<sup>+</sup>16, PEVR13]. **improvement** [Ben00, KKH<sup>+</sup>17]. **Improving** [Ano01a, JPM16, MA00, LLC16]. **incast** [TCPC17]. **Increasing** [Ano01b, RM12]. **Industrial** [Ben00, FRNNS18]. **inevitable** [Ber95a]. **inferential** [Han95]. **inferring** [LWC<sup>+</sup>12]. **information** [CC17, Det01, Jan93, PPM18, SMK17, YHTN01]. **infrastructure** [Bad96]. **insights** [ZSRS13]. **integrated** [FMNP94]. **intelligent** [VF01, WCR95]. **intensive** [LCM18]. **inter** [SMK17]. **inter-stroke** [SMK17]. **Interaction** [TD14]. **interactions** [FD12]. **interactive** [MVOdGCP11, MCY<sup>+</sup>19]. **interest** [BSG16]. **interface** [BK19]. **interfaces** [CCDS13, RP11]. **internal** [KP18]. **internal-external** [KP18]. **international** [FS02]. **Internet** [AW95, LWK14]. **interpretation** [PEVR13]. **interval** [FF11]. **intra** [SMK17]. **intra-stroke** [SMK17]. **introduction** [GS96, LLMW93, Raj99b]. **inversion** [JCP17]. **Investigating** [MCP15]. **investment** [SB96]. **IoT** [SW16]. **IP** [LU95]. **IP4** [TWK<sup>+</sup>13]. **IPv6** [TWK<sup>+</sup>13]. **iris** [HURU11]. **ISO** [RFB<sup>+</sup>15]. **ISO-based** [RFB<sup>+</sup>15]. **Issue** [SN96, Dam01b, Raj99c, Val97]. **issues** [LU95, RC99]. **Italian** [MMSV02]. **Italy** [FS02]. **iterative** [YPB19]. **iterators** [TJ12]. **IVI** [TWK<sup>+</sup>13].

**Java** [Tre02, Vil99]. **Java-based** [Tre02]. **JavaCC** [SW99]. **job** [LV18]. **join** [GG11]. **Joint** [ZPH<sup>+</sup>15].

**K12** [Men95]. **kernel** [OWB<sup>+</sup>14]. **key** [LKP12]. **Klaim** [GLPT12].  
**Knowledge** [CGP02, BCI18, FT19, KK97, PHJJ15].

**LAN** [OD93]. **landscapes** [LHO12]. **Language**  
 [BV99, PZBdBC18, RFB<sup>+</sup>15]. **Large**  
 [JCP17, LBKV01, Alo18, GG11, KR13, Ros19]. **Large-scale** [LBKV01].  
**larger** [TCPC17]. **larger-scale** [TCPC17]. **layer** [TCPC17]. **lays**  
 [Ros98, Ros19]. **leak** [YSCX17]. **learning**  
 [BDMT16, BCI18, MN18, PSS17, TD14, YH16, YAG<sup>+</sup>15]. **legislative**  
 [MMSV02]. **level** [RP11, SD12]. **levels** [CYLL16]. **lexicons** [SD12].  
**libraries** [BSV<sup>+</sup>00]. **life** [Suc99]. **light** [KTH18, TH19]. **line** [PND<sup>+</sup>13].  
**linear** [NHM15, VPB19]. **link** [FT19, MH11]. **link-translating** [MH11].  
**Linux** [SAL19]. **local** [NHM15]. **localisation** [LKH17]. **locally** [NHM15].  
**located** [FS02]. **location** [AHH12]. **log** [FS02]. **logic**  
 [Baa19, CO00, MA00, SKH93]. **logical** [WA94]. **logistic** [MPNdL10]. **logs**  
 [PC19]. **long** [MN18]. **look** [LK93]. **low** [WCR95]. **low-cost** [WCR95].

**machine** [GSKJ18, HEK<sup>+</sup>13, MN18, TD14, YAG<sup>+</sup>15]. **machines**  
 [LF19, MBP12, SWH<sup>+</sup>13, VWT13]. **main** [SPPP11]. **malware**  
 [SPD<sup>+</sup>19, ZCG<sup>+</sup>16]. **management**  
 [CGP02, Gea94, HCC<sup>+</sup>17, KP18, LCL12, LKP12, LK13, Van02, WHC19].  
**manufacturing** [KGKK96]. **mappings** [FdE11]. **maps** [MCP15]. **markers**  
 [DGS<sup>+</sup>14]. **markets** [MPNdL10, SPB01]. **massively** [LLMW93]. **matching**  
 [FdE11]. **May** [FS02]. **means** [MMSV02]. **mechanism**  
 [ATS96, PND<sup>+</sup>13, SSE18, SUV97]. **mechanisms** [GD14]. **media**  
 [HK17, MVODGCP11]. **media-oriented** [MVODGCP11]. **memory**  
 [HCC<sup>+</sup>17, HLF<sup>+</sup>19, KHC<sup>+</sup>11, LF19, SPPP11, YSCX17]. **merging** [LY13].  
**mesh** [MYX<sup>+</sup>14]. **mesh-based** [MYX<sup>+</sup>14]. **message** [MAM<sup>+</sup>16]. **meta**  
 [SS93]. **meta-programming** [SS93]. **metadata** [SSQJ99]. **method**  
 [GRJD15, HK17, KJM10, LLS12, LWC<sup>+</sup>12, WHC19]. **methodology**  
 [BC94]. **methods** [Han95, MN18, MA00, VPB19]. **metrics** [SL99].  
**microarray** [AB12]. **microservice** [CDT18]. **microwave** [PSS17].  
**Migration** [HCT<sup>+</sup>13, SPPP11]. **Migration-based** [HCT<sup>+</sup>13]. **migrations**  
 [GSKJ18]. **Minimization** [AKBJ14]. **minimize** [CRX18]. **minimum**  
 [BP18]. **mining** [FRS16]. **mirroring** [MH11]. **mitigating** [TCPC17].  
**mitigation** [SSE18]. **MLC** [HCC<sup>+</sup>17]. **MLCLSP** [TAdOD13]. **Mobile**  
 [LMLAK17, AJS<sup>+</sup>13, MAM<sup>+</sup>16, VF01, WW01, ZCG<sup>+</sup>16]. **model**  
 [GDJ96, HEK<sup>+</sup>13, MBR17, PHJJ15, THW14]. **model-based** [HEK<sup>+</sup>13].  
**model-driven** [MBR17]. **Modeling**  
 [ARS15, GLPT12, BSV97, GRJD15, KKEK17, MR01, SP16, WA94, YAG<sup>+</sup>15].  
**modelling** [DOP<sup>+</sup>14, SB16, vD02]. **models** [DF97, KR13, MPSR00, SPB01].  
**Monitoring** [BSVV96, CO00]. **mouse** [LNLC16]. **movie** [HK17]. **moving**  
 [MMC12]. **MPC** [Ish96]. **multi**  
 [FD15, HF19, JCP17, KP18, KKEK17, LW12, MZAS14, SWH<sup>+</sup>13].

**multi-consumer** [FD15]. **multi-controller** [LW12]. **multi-core** [SWH<sup>+</sup>13]. **multi-producer** [FD15]. **multi-scale** [KKEK17]. **multi-sensor** [MZAS14]. **multi-step** [HF19]. **multi-tenant** [KP18]. **multi-threaded** [JCP17]. **multicast** [PPM18]. **multimedia** [BSV<sup>+</sup>00, MVodGCP11]. **Multimodal** [LNL16, AJS<sup>+</sup>13]. **Multiple** [SW16, Rai99]. **multiprocessor** [KL15, KL17, QM15].

**NAND** [KHC<sup>+</sup>11]. **navigation** [SSS<sup>+</sup>11]. **Navy** [WCR95]. **negotiation** [FS02]. **network** [AJS<sup>+</sup>13, BSV<sup>+</sup>00, BSG16, CRX18, SD12, SW16, TBC94]. **networked** [Ang95]. **networking** [CRX18]. **networks** [CCSK11, MBR13, MYX<sup>+</sup>14, RHA11, STP<sup>+</sup>12, THW14, TFSO14]. **neural** [SD12]. **NMF** [Alo18]. **node** [TFSO14]. **non** [Bad96, KL15, MN18, SER15]. **non-coding** [MN18]. **non-cross-functional** [SER15]. **non-DVS** [KL15]. **non-uniform** [Bad96]. **note** [Vil99]. **novel** [AHH12, LWC<sup>+</sup>12, LKP12, QHW<sup>+</sup>13]. **number** [Baa19]. **numerical** [Ber95b].

**Object** [SN96, CW19, MA00, NDS96]. **object-oriented** [MA00]. **objects** [MMC12, SUV97, TJ12]. **observer** [CCSK11]. **obstacle** [SSS<sup>+</sup>11]. **occupant** [LMLAK17]. **offs** [KP18]. **on-line** [PND<sup>+</sup>13]. **One** [FD12]. **One-scan** [FD12]. **online** [BSG16]. **online** [SD13]. **Ontology** [CP14, KP18, FdE11, RFB<sup>+</sup>15]. **Ontology-based** [KP18]. **OO** [MZ97]. **OODBMSs** [WA94]. **OOlong** [CW19]. **OOP** [Rin00]. **operations** [LV18]. **operative** [KK97]. **operator** [VFMM94]. **operators** [MVodGCP11]. **Opinions** [BVC<sup>+</sup>14]. **Opportunities** [CYLL16]. **optimal** [GSKJ18]. **optimization** [AdSR<sup>+</sup>12, MPNdL10, PKBH17, SER15, SSQJ99]. **Optimizing** [DOP<sup>+</sup>14, LLC16]. **Oracle** [MMC12]. **orders** [Ros98, Ros19]. **Oriented** [SN96, ARS15, LCM18, LCL12, MA00, MVodGCP11, NDS96]. **overflow** [LLS12, SHV13]. **overtime** [TAdOD13]. **Overview** [SN96, Jan93]. **Oxidase** [BP18].

**P2P** [THW14]. **packets** [CCSK11]. **packing** [Rai99]. **page** [SPPP11]. **papers** [Dam01b]. **Parallel** [SN96, Bad96, Chi96, GG11, Ish96, Kes96, KL17, LLMW93, LV18, NDS96]. **parallelizing** [ATS96]. **parameterized** [CP14]. **parsing** [Suc99]. **participation** [MAM<sup>+</sup>16]. **partition** [ATS96]. **party** [AHH12]. **passive** [THW14]. **patching** [SHV13]. **path** [LWK14]. **pattern** [FRS16, RFB<sup>+</sup>15]. **patterns** [CP14, Val97]. **PCM** [HCC<sup>+</sup>17]. **people** [BVC<sup>+</sup>14]. **perceived** [MCY<sup>+</sup>19]. **performance** [Chi96, HURU11, JPM16, Kes96, LW12, OD93]. **peripheral** [VWT13]. **personal** [NYKI98]. **personalizing** [KR13]. **persuasive** [PHJJ15]. **phosphorylation** [MBP12]. **physical** [WA94]. **pipeline** [KTH18]. **pipeline-based** [KTH18]. **platform** [HMY95]. **platforms** [LCM18, SWH<sup>+</sup>13]. **Playing** [SKEC16]. **policies** [PEVR13]. **positioning** [YKdSM14]. **Post** [HK15]. **Power** [VWT13]. **practice** [SAL19].



**practices** [Ben00]. **pragmatic** [HMY95]. **pre** [DL16]. **pre-compilation** [DL16]. **prediction** [AHH12, CDAR11, MZAS14, MBP12, SPPP11]. **prefetching** [HCC<sup>+</sup>15]. **preprocessor** [SW99]. **present** [Raj99b]. **Preserving** [RHA11]. **prevention** [FS12, MZAS14]. **prior** [BCI18]. **priority** [OD93]. **privacy** [AHH12, BVC<sup>+</sup>14, PZ18, RHA11]. **private** [LK13]. **Probabilistic** [MBP12]. **problem** [LK93, LV18, Rai99, SER15, TFSO14]. **process** [AM00, BSV97, Ben00, CO00, HF19, KKH<sup>+</sup>17, KR13, LLC16, PC19, RFB<sup>+</sup>15]. **processes** [FS02]. **processing** [Jan93, KK97, MBR13, OKK13, STP<sup>+</sup>12, VFMM94, WW01, WCR95]. **processors** [Bad96]. **producer** [FD15]. **profiles** [BSG16]. **program** [BSVV96, Ros98, SS02]. **programmable** [BC94]. **Programming** [SN96, BDMT16, FS12, FS02, NDS96, SS93, SKH93]. **programs** [SHV13, YSCX17]. **Prolog** [Cit93, Ros98, SS93]. **Protein** [CDAR11, MBP12]. **protocol** [CJ10, OD93, SW16]. **protocols** [MYX<sup>+</sup>14]. **provisioning** [GSKJ18]. **proxy** [MH11]. **pseudo** [VPB19]. **pseudo-relevance** [VPB19]. **publication** [HMY95]. **publish** [UOB<sup>+</sup>13]. **publish-subscribe** [UOB<sup>+</sup>13]. **pull** [PPM18]. **push** [PPM18, YHTN01]. **push-based** [YHTN01].

**quadratic** [Hua93]. **qualitative** [Ber95b]. **quality** [BWL01, BSG16, HDC<sup>+</sup>14, KP18]. **quality-of-service** [HDC<sup>+</sup>14]. **Quantile** [YH16]. **queries** [FT19, GG11, MBR13]. **query** [STP<sup>+</sup>12, SSQJ99]. **Querying** [MPFC12, DL16]. **Quick** [CGR99]. **Quick-tests** [CGR99].

**racket** [PKBH17]. **radio** [ZPH<sup>+</sup>15]. **random** [JPM16]. **Range** [ATS96, STP<sup>+</sup>12]. **ranking** [HK15]. **rapid** [AM00, CPT10]. **ratings** [LWC<sup>+</sup>12]. **RDF** [MPFC12]. **Re** [Dev99]. **Re-targetability** [Dev99]. **reading** [LNL16]. **Real** [ABCW95, SAL19, BSV<sup>+</sup>00, FS12, KL17, LWK14, OTYM01, QM15, QHW<sup>+</sup>13, TBC94]. **Real-time** [SAL19, BSV<sup>+</sup>00, FS12, KL17, LWK14, QM15, QHW<sup>+</sup>13]. **realization** [HF19]. **reasoned** [BV99]. **reasoning** [BCI18, QHW<sup>+</sup>13]. **recognition** [HURU11]. **recommendation** [PHJJ15]. **Record** [PKBH17, UOB<sup>+</sup>13]. **recovery** [FdE11, GD14, vD02]. **redistricting** [LK93]. **reducing** [KJM10]. **redundancy** [LY13]. **reflective** [CCDS13]. **Regex** [BDMT16]. **Regex-based** [BDMT16]. **Register** [KJM10]. **Register-relocation** [KJM10]. **regression** [MPNdL10]. **regular** [TJ12]. **rehabilitation** [DGS<sup>+</sup>14]. **reification** [GDJ96]. **reinforcement** [BCI18]. **related** [APSHB15]. **relations** [SL99]. **relations-based** [SL99]. **relevance** [MBP12, VPB19]. **relevant** [AB12]. **reliability** [Ano01b]. **reliable** [RHA11]. **relocation** [KJM10]. **remotely** [Lea98]. **removal** [ZSRS13]. **renaming** [KJM10]. **rendering** [KTH18, TH19]. **renewed** [Suc99]. **report** [vD02]. **repositories** [SSQJ99]. **representation** [Ber95b, MN18]. **reputation** [MPNdL10]. **requirement** [FS02]. **requirements** [FRNNS18, VGH<sup>+</sup>16].

**resident** [LF19]. **resolution** [NHM15]. **resource** [LCL12].  
**resource-bounded** [LCL12]. **response** [DGS<sup>+</sup>14, LLC16]. **RESTful**  
 [RP11]. **restrictions** [Baa19]. **resume** [LLC16]. **resuming** [HCC<sup>+</sup>15].  
**retrieval** [AdSR<sup>+</sup>12, BS97, SUV97]. **retrospective** [VGH<sup>+</sup>16]. **return**  
 [SB96]. **reusability** [CBV97]. **reusable** [BS97, CP14, SUV97]. **Reuse**  
 [BSV<sup>+</sup>00, KGKK96, BSVV96, CW19, DF96, DF97, KK97, SB96, Val97].  
**reused** [GS96]. **reverse** [SSW02, SS02]. **reviews** [SD13]. **ring** [FD15]. **risk**  
 [MZAS14]. **RMI** [RM12]. **RNA** [MN18]. **Robust** [HURU11, LK13, MH11].  
**robustness** [HEK<sup>+</sup>13]. **ROM/WWW** [HMY95]. **rotation** [ABCW95].  
**routing** [CCSK11, HDC<sup>+</sup>14]. **RSSI** [YKdSM14]. **RSSI-based** [YKdSM14].  
**RTRS** [QHW<sup>+</sup>13]. **rule** [FD12, SHV13]. **rule-based** [SHV13]. **rules**  
 [AB12, QHW<sup>+</sup>13]. **runtime** [GD14].

**SAC** [Dam01b, VGH<sup>+</sup>16]. **safety** [FMNP94, Gea94, NRH13]. **safety-critical**  
 [NRH13]. **sampling** [PND<sup>+</sup>13]. **SART** [STP<sup>+</sup>12]. **Scalability** [Det01]. **scale**  
 [Alo18, JCP17, KKEK17, LBKV01, RC99, TCPC17]. **scaling** [ABCW95].  
**scan** [FD12]. **ScanMe** [ZCG<sup>+</sup>16]. **scenario** [SSE18]. **scenarios** [HURU11].  
**schedule** [TCPC17]. **scheduler** [SWH<sup>+</sup>13]. **Scheduling**  
 [KL17, YHTN01, LV18, QM15]. **scheme**  
 [CCSK11, HCC<sup>+</sup>15, LKP12, LWK14, TFSO14]. **Science** [Dij99]. **Scientific**  
 [SN96, Bad96, Vil99]. **scoring** [BP18]. **Scripting** [JL99]. **Scrum** [SER15].  
**second** [FS02]. **secondary** [CDAR11]. **secure** [LK13, OWB<sup>+</sup>14, YKdSM14].  
**Security** [Ang95, LU95, Han95, VF01]. **segments** [BP18]. **Selecting**  
 [GSKJ18, BBH11]. **selection** [TD14, YPB19]. **self** [ARS15, GD14].  
**self-adaptive** [ARS15]. **self-recovery** [GD14]. **semantic**  
 [BSG16, FS12, GG11, NOV511, UOB<sup>+</sup>13]. **semi-structured**  
 [CGP02]. **sensed** [Lea98]. **sensing** [ZPH<sup>+</sup>15]. **sensor**  
 [CCSK11, MBR13, MZAS14, RHA11, STP<sup>+</sup>12, TFSO14]. **sentiment**  
 [SD12, SD13]. **sequence** [MN18]. **sequences** [BP18, Hua93]. **server** [MH11].  
**servers** [AW95]. **Service**  
 [LCL12, ARS15, BBH11, HDC<sup>+</sup>14, RP11, ZCG<sup>+</sup>16]. **Service-oriented**  
 [LCL12, ARS15]. **services** [CRX18]. **Session** [Dam01b, Raj99c]. **sets**  
 [Alo18, PPM18]. **Shade** [CR98]. **shoaling** [Lea98]. **shop** [LV18]. **side**  
 [LF19, TO94]. **side-channel** [LF19]. **side-stick** [TO94]. **Signature**  
 [SMK17]. **significant** [FD12]. **similarity** [HK17]. **SimPal** [NRH13].  
**simplifying** [SL99]. **Simulating** [Lea98]. **Simulation**  
 [Cit93, QM15, KGKK96]. **Simulation-based** [QM15]. **simulations** [Ber95b].  
**simulators** [CJ10]. **sites** [MBP12, Van02]. **situ** [AJS<sup>+</sup>13]. **SLC** [HCC<sup>+</sup>17].  
**SLC-MLC** [HCC<sup>+</sup>17]. **slices** [YSCX17]. **smart**  
 [LMLAK17, MYX<sup>+</sup>14, YAG<sup>+</sup>15]. **SMT** [FRNNS18]. **SMT-based**  
 [FRNNS18]. **social** [AJS<sup>+</sup>13, BSG16, HK17, PHJJ15]. **Software**  
 [Bad96, MPSR00, vD02, BS97, BWLP01, CRX18, CO00, Dev99, FS02, GS96,  
 KKH<sup>+</sup>17, KK97, NRH13, OWB<sup>+</sup>14, RFB<sup>+</sup>15, VSF97, Val97, WW01].  
**software-defined** [CRX18]. **solid** [LW12]. **solid-state** [LW12]. **solve**

[SER15]. **solving** [AM98]. **space** [AdSR<sup>+</sup>12, Hua93, LLC16, MPFC12]. **SPARQL** [FT19, GG11]. **sparse** [Alo18, VFMM94]. **spatiotemporal** [MMC12]. **Special** [Dam01b, Raj99c, SN96, Val97]. **specific** [PZBdBC18, SB16]. **specifications** [Cit93]. **spectrum** [ZPH<sup>+</sup>15]. **speeding** [STP<sup>+</sup>12]. **sprint** [SER15]. **SQL** [DL16]. **stability** [MRS12]. **stack** [CJ10]. **stacked** [CYLL16]. **standard** [Gea94]. **standards** [Bou95, LSV12, RFB<sup>+</sup>15]. **state** [HEK<sup>+</sup>13, LW12]. **stationary** [YH16]. **statistical** [Han95, YAG<sup>+</sup>15]. **step** [HF19]. **stepwise** [MPNdL10]. **stick** [TO94]. **STL** [ATS96, KCDS98]. **stochastic** [YH16]. **storage** [HCT<sup>+</sup>13, PND<sup>+</sup>13, WHC19]. **storm** [MBR17]. **storm-based** [MBR17]. **strategies** [DGS<sup>+</sup>14, YHTN01]. **strategy** [LC13]. **stream** [OKK13]. **streaming** [MBR17]. **streams** [YPB19]. **stroke** [SMK17]. **structure** [MN18, STP<sup>+</sup>12]. **structured** [CGP02, Tre02]. **structures** [CDAR11, PKBH17]. **student** [MAM<sup>+</sup>16, MCY<sup>+</sup>19]. **study** [AW95, BC94, MAM<sup>+</sup>16, MRS12, NRH13, PZBdBC18, RZW01]. **subscribe** [UOB<sup>+</sup>13]. **subset** [TD14, YPB19]. **substations** [VFMM94]. **subsumption** [LY13]. **suitable** [GSKJ18]. **Summary** [TJ12]. **Summary-based** [TJ12]. **Super** [NHM15]. **supervision** [HMB12]. **support** [SB16, Tre02, WCR95]. **Supporting** [FS12, HYL<sup>+</sup>17, Van02]. **SVM** [SD13]. **swap** [LLC16]. **swarm** [YKdSM14]. **Sybil** [SKEC16]. **synergistically** [CYLL16]. **synopsis** [BV99]. **synthetic** [CGP02, KTH18, TH19]. **system** [BC94, JCP17, LKH17, LLC16, QHW<sup>+</sup>13, RZW01, SP16, SB16, SKH93, TBC94, VFMM94, Van02, WCR95]. **systems** [Ano01b, BHK<sup>+</sup>15, CC17, CGR99, HCC<sup>+</sup>15, HCC<sup>+</sup>17, HCT<sup>+</sup>13, KKEK17, KGKK96, KL15, KL17, LK93, LCL12, LKP12, MPNdL10, NOVS11, PEVR13, QM15, RC99, SW16, VF01, WHC19, YHTN01].

**tag** [LWC<sup>+</sup>12]. **targetability** [Dev99]. **Task** [KL15]. **tasks** [KL17]. **TCP** [LU95, TCPC17]. **TCP/IP** [LU95]. **teams** [SER15]. **technique** [Alo18]. **techniques** [TD14]. **technology** [Ano01b, HMY95]. **telecommunications** [Nyg94]. **telephony** [TBC94]. **temperature** [KJM10]. **Template** [SSS<sup>+</sup>11]. **Template-based** [SSS<sup>+</sup>11]. **temporal** [APSHB15]. **tenant** [KP18]. **term** [VPB19]. **term-based** [VPB19]. **termination** [WCR95]. **testing** [BK19, GD14, HEK<sup>+</sup>13]. **tests** [CGR99]. **theoretical** [KKH<sup>+</sup>17]. **theory** [MKR93, SAL19, YH16]. **thermal** [CYLL16, KJM10]. **thermal-aware** [KJM10]. **Things** [LWK14]. **third** [AHH12]. **threaded** [JCP17]. **three** [Hua93]. **time** [ABCW95, BSV<sup>+</sup>00, FS12, FF11, KL17, LWK14, QM15, QHW<sup>+</sup>13, SAL19, TBC94]. **tolerance** [RM12]. **tomography** [PSS17]. **tool** [CPT10, SB16]. **tools** [Dev99, SSW02, Suc99]. **top** [BBH11]. **top-** [BBH11]. **tour** [SKH93]. **track** [VGH<sup>+</sup>16]. **trade** [KP18]. **trade-offs** [KP18]. **traffic** [LCL12]. **transactional** [HLF<sup>+</sup>19]. **transfer** [MZ97]. **transform** [FF11]. **Transforming** [Rin00]. **translating** [MH11]. **translation** [HLF<sup>+</sup>19, TWK<sup>+</sup>13]. **translators** [BV99]. **Transparently** [RM12]. **transport** [SW16]. **traversal** [FT19]. **treatment** [LBKV01]. **tree** [STP<sup>+</sup>12]. **triad** [MKR93]. **triploid** [LHO12]. **trust** [BVC<sup>+</sup>14]. **trusted** [AHH12]. **TuCSon** [NOVS11]. **tunnel** [LK13]. **tuple** [NOVS11]. **two** [WA94].

**UAV** [YKdSM14]. **UK** [TBC94]. **UML** [AM00]. **uncertain** [FdE11]. **Understanding** [KKH<sup>+</sup>17, CDT18, SS02]. **understands** [TJ12]. **unified** [Ber95b, HMB12]. **uniform** [Bad96]. **units** [MBP12]. **unregulated** [SPB01]. **unsolicited** [TD14]. **upon** [LSV12]. **urban** [LCL12, SSS<sup>+</sup>11]. **Usability** [PZBdBC18]. **usage** [PKBH17, YAG<sup>+</sup>15]. **use** [SPD<sup>+</sup>19, Vil99]. **user** [BK19, CCDS13, LWC<sup>+</sup>12, MR01]. **user-based** [LWC<sup>+</sup>12]. **Using** [MAM<sup>+</sup>16, MMSV02, PEVR13, SS93, AJS<sup>+</sup>13, BP18, CCSK11, CO00, Cit93, DL16, HK17, JCP17, MN18, MPNdL10, MA00, MBP12, OTYM01, PND<sup>+</sup>13, PPM18, RHA11, SD12, SKH93, WHC19, YH16, YKdSM14, YPB19]. **USRP** [ZPH<sup>+</sup>15].

**validating** [ARS15]. **value** [FD12, YSCX17]. **value-flow** [YSCX17]. **values** [LY13]. **variability** [LCM18]. **variability-intensive** [LCM18]. **various** [SB16]. **vehicle** [FD12]. **verification** [MBR17, SMK17]. **Versions** [Bou95]. **via** [DOP<sup>+</sup>14, HLF<sup>+</sup>19, LF19, MVOdGCP11]. **video** [DGS<sup>+</sup>14, MCY<sup>+</sup>19]. **view** [SUV97]. **viewer** [NYKI98]. **views** [CGP02]. **Villasimius** [FS02]. **Virtual** [CJ10, GSKJ18, LF19, OTYM01, SWH<sup>+</sup>13, VWT13]. **visual** [LKH17]. **visualization** [LBKV01]. **visualizing** [NYKI98]. **vital** [APSHB15]. **voltage** [CYLL16]. **voltage-frequency** [CYLL16].

**W3C** [LSV12]. **wait** [FD15]. **wait-free** [FD15]. **watermarking** [HURU11]. **waves** [Lea98]. **WCRE** [vD02]. **web** [FT19, GG11, LSV12, MH11, MCP15, RP11, Van02, AW95, BBH11, Ber95a, Men95, War95]. **web-based** [MCP15]. **webmaster** [War95]. **weighted** [Rai99]. **whole** [MH11]. **Wide** [War95]. **wire** [TO94]. **wireless** [CCSK11, LKP12, MBR13, RHA11, TFSO14]. **without** [AHH12]. **workload** [AW95, MCY<sup>+</sup>19]. **workshop** [FS02]. **workspaces** [BHK<sup>+</sup>15]. **World** [War95]. **worlds** [OTYM01]. **worm** [THW14]. **Write** [HCC<sup>+</sup>17, JPM16]. **Write-aware** [HCC<sup>+</sup>17]. **WS** [CPT10]. **WS-BPEL** [CPT10]. **WSN** [AKBJ14, CJ10]. **WWW** [HMY95].

**XFormsDB** [LSV12]. **XML** [CGP02, LC13, MMSV02, Nic02, Tre02, Van02]. **XP** [FS02]. **XP2001** [FS02].

**yield** [WCR95].

**zero** [FT19]. **zero-knowledge** [FT19].

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