

A Complete Bibliography of *ACM Transactions on Internet Technology*

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/>

27 May 2020

Version 1.60

Title word cross-reference

< [BMS02]. > [BMS02]. _{2R} [SABG17]. *k*
[BGK14]. *N* [HZ11, WZKP19].

-Tier [WZKP19].

24-hour [GS07a].

Abductive [GAL18]. Abuse [TBG⁺18].

ACCENT [PP11]. Acceptability [VDV18].

Acceptance [SPM⁺13]. Access

[Ano15, DSVA19, DLZ⁺16, PV17, SK17,

DSNK08, KS07]. accesses [DK04].

Accessibility [PMFS17]. accessible

[SMFR08]. Accountability [BBP18].

Accountable [BCFB18, GAL18]. Accuracy

[YXP⁺18]. Achieving [SS11, YBW19].
across [BZVS18]. Activities [MMP⁺14].
Activity [CLM19]. Ad [APAC18, ZHDD07].
Ad-Based [APAC18]. ad-hoc [ZHDD07].
Adaptation [DSVA19, HNF⁺05, SMFR08].
Adapting [WL07]. Adaptive [ADAP19,
EHY19, MP14, OGP⁺18, ZWC⁺17, CH05,
HJ03, KS03, MPS04, ZHH04]. address
[HZCS10, HBGF02]. administering
[HBGF02]. Administrative [Sin13a].
admission [CH05]. Adoption
[GdOW14, Web17]. Advanced [SST⁺16].
Advances [CSS17, DNJ19]. Adversarial
[JPSS17, QLJ⁺19]. Advertisement
[CDM⁺14]. Advertisement-Financed
[CDM⁺14]. advertisements [AM03].
Advertiser [Glu10]. Affect
[CDPR17, MS17]. Affecting [PVL⁺17].

Affective [AVB17, FPR16]. **Affinities** [GdOW14, RS09]. **Affinity** [Ji02]. **Affinity-based** [Ji02]. **against** [BRK04, HJ08, YW10]. **Agent** [CDPR17, LB04, STK17, YCC17, AJ03, AGPS05, HS19, HJ03]. **Agent-Based** [CDPR17]. **Agents** [AVB17, CPV03, JMSP06, BGL04]. **Aggregate** [BLD⁺15]. **Aggregation** [ABC⁺17, XCL07]. **Agnostic** [Nov19]. **AI** [ZBF⁺19]. **Algorithm** [ABCL17, SGOS19, ZDCB18, MBBW07]. **Algorithms** [HKV14, SK17, BRRT05, KRRT06, MPS04, MS05]. **aliasing** [GM04]. **Aligning** [EM19]. **Allocation** [ADAP19]. **allowing** [FLL06]. **Amazon** [WLL⁺13]. **Ambiguous** [LJLN16]. **Analysis** [BLD⁺15, CLZ⁺20, CCJ⁺14, Gel09, GRR20, HZ11, JYW⁺19, JLC20, SABG17, TGBG20, WS17, BRRT05, EV07, GNK11, GBAR08, Liu12, MBBW07, OHKS04, SHH⁺06]. **Analytical** [RPA⁺17, SR13]. **Analytics** [LSK⁺17a]. **Anarchy** [DABP14]. **Anger** [DP17]. **angles** [PRD09]. **Anomalous** [ZHL⁺16]. **Anomaly** [MSW⁺16, ZOC11]. **Anonymity** [AJSS13]. **anonymization** [QLJ⁺19]. **Anonymized** [MMV11]. **Anonymous** [PVL⁺17, PO19]. **Answering** [GR04, LSLY19, LMSTM14, ZSL⁺17]. **answers** [ALG04]. **Apples** [TBG⁺18]. **Application** [CLM19, MRB19, MED19, Mor17, OGP⁺18, VDV18, XWML19, ATB⁺11, CH05, KMW09, OSSV05, SHH⁺06, USR09, VPR07, CDM10]. **Application-Driven** [XWML19]. **application-level** [CH05]. **Applications** [CGL⁺16, FCS⁺18, GSS⁺14, KBBI15, PDS20, PCBG19, SAB⁺18, SS11, TMK⁺12, WZKP19, WK18, BLSW04, BCF⁺07, CDMF07, CGMH⁺06, GLJ⁺12, JN08, MBC⁺05, Var03]. **Approach** [ADAP19, BBH⁺14, EM19, KYY17, LMZ13, LYM⁺18, MGHB16, Nov19, OWK⁺19, RPA⁺17, RTcR19, RCP⁺15, SR13, XWML19, CDIW05, FS04, GM04, MAM03, MGB⁺07, Rin09, TGRBD07, TJLC08, YASU01, ZHDD07, ZH09]. **Approximate** [HC14, TGRBD07]. **Approximation** [HKV14]. **Apps** [JCH⁺18]. **Araneus** [MAM03]. **Architectural** [PJZ18]. **Architecture** [AVB17, FYZ19, KLMH03, MMP⁺14, PRKD20, PCBG19, PPDG19, BCP⁺04, FT02, Jor09, LHTL06, WRC01]. **architectures** [KS07]. **archiving** [MPC06]. **area** [AOVP08, BVT06]. **Argument** [LSK⁺17a]. **Argumentation** [ABC⁺17, CT17, GLT17, KYY17, LT16, WS17]. **Argumentation-Enabled** [ABC⁺17]. **Argumentative** [LPB⁺17]. **arguments** [BC01]. **Art** [LT16]. **Articles** [GRR20]. **Artificial** [PSL⁺20]. **assess** [ZH09]. **Assessment** [ABC⁺17, CRP17, LJG18, RDC16, Dal11]. **assignment** [HBGF02]. **Assisted** [CDC14]. **Asynchronous** [WZKP19]. **Attachment** [JS13]. **attack** [BRK04, MBBW07]. **Attacking** [SO17]. **Attacks** [YCM⁺13, DCAT12, HJ08, HGW07, YW10]. **attention** [BGL04]. **Attribute** [BJ15, DSVA19, PO19]. **Attribute-based** [DSVA19, PO19]. **Attributes** [BWL16]. **Auction** [CKKK14, Guo02]. **Auctions** [HKV14, RML12, AJ03, DRJ⁺07, Gel09, HJPB06]. **Audience** [DTE17]. **Audit** [BCFB18]. **Augmented** [MBS19, PDS20]. **Australia** [ZW17]. **Authenticated** [BCO13, ZXH16]. **Authentication** [SGC16, DCAT12]. **Automated** [JMSP06]. **Automatic** [KBNV18, LSLY19, ZGB18]. **Automatically** [EM19]. **Autonomic** [MED19]. **autonomous** [HJ03]. **Auxiliary** [VJL⁺14]. **Aware** [GSS⁺14, GLWH17, MRB19, NYB⁺19, OKR⁺14, RIB18, YZY⁺14, YBW19, AR12, BCMS06, CDMF07, FLD12, JN08, MYS⁺12, SD12, TJLC08]. **backbone** [BSS02]. **Bad** [TBG⁺18].

balanced [GLJ⁺12]. **Balancing** [CLM⁺11, DABP14, WY01]. **Bandwidth** [GD17, TPK10]. **banner** [AM03]. **Based** [ASBH⁺16, APAC18, AHM⁺15, ABCL17, Ano15, BBC14, BJ15, BBH⁺14, CDPR17, CLM19, CO16, DLZ⁺16, FFKG19, Glu10, JPSS17, KBNV18, KMK16, LMZ13, LMSTM14, DMGR⁺17, MED19, NBM19, NPP⁺15, PAS13, RCP⁺15, RZAD17, SAB⁺18, SGOS19, WQC⁺19, XvHWW18, XM17, YYM⁺19, ZXYL16, ZSY⁺17, ZB20, AGPS05, AKR01, BGL04, BCP08, CDIW05, CH05, DSVA19, DNJ19, EV07, FMC19, GH06, GLF02, HZHC12, HXZ⁺20, Ji02, JN08, KFB⁺14, KG10, LLNF12, MDDB19, MBS19, MGB⁺07, PRKD20, PSK10, PO19, RS09, SHH⁺06, TPK10, YASU01, Zdu08, RPA⁺17, SS11, AJP07, BRK04, PP11]. **Bases** [LSLY19, ZSY⁺17]. **Batch** [ZJL⁺15]. **Bayes** [MBS19]. **Bayes-based** [MBS19]. **BDI** [AVB17]. **Beauty** [YCC17]. **Behavior** [BLD⁺15, IDS19, SHH⁺06, vADO⁺08]. **Behavior-based** [SHH⁺06]. **behavioral** [MS05]. **Behaviors** [GD17]. **Behind** [LFL17]. **benchmarking** [LYW⁺05]. **Between** [ZLHD15, YC18]. **Betweenness** [WQC⁺19]. **Beyond** [PSL⁺20]. **Bi** [FYZ19]. **Bi-Lanczos** [FYZ19]. **bid** [DRJ⁺07]. **bidding** [AJ03, HJPB06]. **Bids** [Glu10]. **Big** [PSA⁺20, RPA⁺17]. **Big-Data** [PSA⁺20]. **bigwig** [BMS02]. **binary** [GH06]. **Bitcoin** [MCS18]. **Block** [JYW⁺19]. **Blocks** [FYT17]. **blog** [LYF⁺09]. **BogusBiter** [YW10]. **Bottom** [AHM⁺15]. **Bottom-Up** [AHM⁺15]. **Bound** [DZHV16, ABMW05]. **BPMS** [PPDG19]. **BPMS-RA** [PPDG19]. **Brains** [YCC17]. **brave** [BC01]. **Breach** [GAC18]. **broker** [SMFR08]. **Brokering** [AV16]. **Browser** [XM17]. **browsers** [HJ08]. **Browsing** [LYM⁺18, HNF⁺05]. **Bundled** [GdOW14]. **Bundling** [YWML19]. **Bursting** [GSS⁺14]. **Bus** [ALA⁺19]. **Business** [ACDLM19, FYT17, GNR19, PPDG19, YBW19]. **buying** [HJPB06].

C [Van08]. **Cache** [RMP10, JAT⁺06, YADI02]. **caching** [CLN05, LSCZ05, Wil02]. **Calibrating** [YXP⁺18]. **Can** [ABR17, CPV03, SHB06, MBS19]. **CAN-TM** [MBS19]. **Cannot** [SdMA⁺14]. **Canonical** [Mor17]. **Capabilities** [GL14, BDT04]. **Caps** [DJ15]. **Card** [GAC18]. **Cards** [GAC18]. **Care** [OALA17, RPA⁺17]. **Carrying** [PV17]. **Case** [EHY19, FAGB14, DD07]. **Categories** [FSC15]. **categorization** [LXW⁺12]. **Category** [WMWM20, JKR07]. **Centrality** [DMGR⁺17, WQC⁺19]. **Centric** [DLZ⁺16, KMK16, TEMH19, TMK⁺12, FFKG19]. **certified** [Ung05]. **Chain** [MBS19, HGW07]. **Challenges** [AHJ⁺20, AGKW14, BSBP16]. **change** [CGM03, Liu12]. **change-impact** [Liu12]. **Chaos** [LC16]. **Character** [MBP⁺17]. **Characteristics** [LCKN05]. **Characterization** [BYCE07, BLD⁺15, DPCM16]. **Characterizing** [AKR01, ACG⁺11, GD17, GS05, SK13, CFTV03]. **charging** [TPK10]. **Chasing** [RCP⁺15]. **Chat** [LXC⁺13]. **Cheating** [BKS⁺14]. **checking** [NCEF02, vADO⁺08]. **China** [ZW17]. **Cities** [DKP17]. **Citizen** [LFL17]. **City** [SdMA⁺14, PMFS17]. **Classification** [CT17, JG10, ZH09]. **CLEVER** [KRRRT06]. **Click** [Glu10]. **Click-Through** [Glu10]. **Client** [RMP10]. **Clients** [SK13]. **CloseUp** [VAKK19]. **Closing** [ZLHD15]. **Closure** [MCS18]. **Cloud** [AHJ⁺20, BMG⁺19, CMTD16, FYZ19, FCS⁺18, GD17, GSS⁺14, LPR19, MDDB19, MBS19, PJZ18, RMP10, SAB⁺18, TEMH19, TGBG20, VASD19, YBZ14, ZB20, DKP12, PP11]. **Cloud-Based** [SAB⁺18]. **Cloud-enabled** [AHJ⁺20]. **cloudlet** [MAB19]. **CloudMF** [FCS⁺18]. **Clouds** [GS17, LC16, OGP⁺18, SCL⁺19, ZDCB18]. **clustered** [WY01]. **Clustering** [JCH⁺18, LYF⁺09, PRD09]. **clusters** [Ji02].

Coding [YLL⁺17]. **Cognitive** [CLF⁺19, Liu20, MED19, PP11]. **collaboration** [SBG07]. **Collaborative** [BCFB18, CO16, DNJ19, FFKG19, HSLH17, OHKS04, PO19, SS11, YSW⁺17, LLSL08]. **Collection** [LZBN17]. **Collective** [ABC⁺17]. **Commerce** [BWL16, Var03, VPR07, ZH09, Ung05]. **Commitment** [BBC14]. **Commitment-Based** [BBC14]. **Commons** [KAS14]. **Communication** [BPSD17, Liu20]. **Communications** [FMC19]. **Communities** [DKP17, NPP⁺15, RZAD17, ZWC⁺17, ZSL⁺17]. **Community** [BCN17, KLS⁺17, VAKK19, GS05]. **Community-Driven** [VAKK19]. **Comorbidity** [MED19]. **Comparing** [GNK11]. **Comparison** [MS17]. **compete** [BGL04]. **Competition** [CB15]. **Competitive** [KAS14, BSS02]. **Complementary** [SGOS19]. **Complex** [OKR⁺14, CTZZ06]. **component** [JN08]. **component-based** [JN08]. **components** [CGMH⁺06, GBAR08, Van08]. **compose** [MGB⁺07]. **Composition** [AV16, LJS⁺14, LMZ13, PGT⁺18, YBZ14, BCP08]. **composition-oriented** [BCP08]. **Compositions** [BBH⁺14]. **compressed** [ABMP07]. **compression** [PP11]. **compressor** [MPC06]. **Computation** [ADAP19, LYM⁺18, MAB19]. **Computation-Intensive** [LYM⁺18]. **Computational** [BBP18, BCO13]. **Computer** [SK17]. **Computing** [CLF⁺19, CAV14, CSS17, KBBI15, LOD19, Liu20, MRB19, MAB19, MDDB19, PML⁺19, THS06, ZB20, BCMS06, DKP12, ML08, PP11, Van08]. **concept** [LLNF12]. **concept-based** [LLNF12]. **Concepts** [BSBP16, LJLN16]. **Conceptual** [SPM⁺13, ZHH04]. **concerns** [DR05]. **Concurrency** [ACDLM19]. **Condemning** [DP17]. **Conduct** [RCP⁺15]. **confidence** [KG10]. **configuration** [ATB⁺11]. **configuring** [HBGF02]. **Conflicts** [KBNV18, LMZ13]. **Conformance** [vdADO⁺08]. **Connected** [BCN17, DKP17, ZWC⁺17]. **Connecting** [BI17]. **conscious** [ABMP07]. **Consensus** [ABCL17]. **Considering** [BWL16]. **Consistency** [SS11, KMW09, NCEF02, YADI02]. **Constrained** [Nov19, YLL⁺17]. **Constructing** [GPM⁺18, JYW⁺19, LJLN16]. **consumer** [BGL04]. **Container** [ZB20]. **contemporary** [BF06]. **Contempt** [DP17]. **Content** [AHM14, AAF18, CDM⁺14, FPR16, GLWH17, LJLN16, LXC⁺13, CDIW05, Coo03, HNF⁺05, JKR07]. **Context** [AR12, LMZ13, MYS⁺12, SNBC12, TEMH19, BCMS06, CDMF07, FLD12, HZHC12, Hoc02, MGB⁺07, SD12]. **Context-aware** [AR12, MYS⁺12, BCMS06, CDMF07, FLD12, SD12]. **Context-Based** [LMZ13, MGB⁺07]. **Context-Driven** [TEMH19]. **Context-sensitive** [SNBC12]. **ContextAiDe** [PCBG19]. **Contextual** [SO17, YSW⁺17]. **Contextualization** [SS11]. **Continuity** [FYT17]. **Continuum** [BMG⁺19]. **Control** [AHJ⁺20, APAC18, ACG⁺11, ADAP19, DSVA19, DLZ⁺16, PV17, SK17, BDT04, CH05, KS07]. **Control-Theoretic** [ADAP19]. **Controlled** [PLZW18]. **Controlling** [CMTD16, KMW09]. **cookies** [DCAT12, Kri01]. **Cooperative** [IDS19]. **coordinated** [LSCZ05]. **Core** [KRRT06]. **Correlated** [GdOW14]. **Correlating** [GD17]. **Correlation** [WEJ14]. **Corrigenda** [Vas05]. **corrupted** [CS09]. **Cost** [GSS⁺14, Web17, ZB20]. **Cost-Aware** [GSS⁺14]. **Cost-Efficient** [ZB20]. **Costs** [BTH⁺17]. **countermeasures** [FLD12]. **CPS** [YXP⁺18]. **crawlers** [MPS04]. **creating** [CDIW05]. **Credential** [PO19]. **Credit** [DGWW15, GAC18]. **Crisis** [NYB⁺19]. **Crisis-Relevant** [NYB⁺19].

Critical [CRP17]. **Cross** [XM17, ZXH16]. **Cross-Browser** [XM17]. **Cross-Layer** [ZXH16]. **Crowd** [GHK17, LZBN17, PCBG19, RDC16, CH05]. **Crowd-sensing** [PCBG19]. **Crowd-Sourced** [LZBN17]. **Crowdsensing** [LOD19]. **CrowdService** [PGT⁺18]. **Crowdsourced** [DZHV16, JCH⁺18]. **Crowdsourcing** [CWLZ19, NBM19, PGT⁺18, PMFS17]. **cryptography** [PP11]. **CSR** [GPM⁺18]. **Curated** [ZSY⁺17]. **Curation** [AHM14]. **Currency** [MCS18]. **Current** [BSBP16, CPV03]. **Customer** [BWL16]. **customized** [THS06]. **Cyber** [FYZ19, LJS⁺14, VAK17]. **Cyber-Espionage** [LJS⁺14]. **Cyber-Physical** [VAK17]. **Cyber-Physical-Social** [FYZ19].

Darknets [CCJ⁺14]. **Data** [ASBH⁺16, BCFB18, CPV⁺16, CCM17, DJ15, DZHV16, DLZ⁺16, EM19, FFKG19, GAC18, HSLH17, KIG⁺19, KBBI15, LMZ13, LZBN17, MSW⁺16, MGH16, MMV11, NDO⁺17, PV17, PSA⁺20, PVL⁺17, RPA⁺17, RTcR19, SS11, TEMH19, YLL⁺17, ZGB18, ZXYL16, BCMS06, CS09, FFP09, MAM03, PPV05, XCL07]. **Data-Centric** [DLZ⁺16, TEMH19, FFKG19]. **data-intensive** [MAM03]. **Data-throttling** [RTcR19]. **database** [ABMP07, Ji02, LYW⁺05, ZXS08]. **Databases** [GPM⁺18, YASU01]. **Datasets** [PLZW18, WQC⁺19]. **DDoS** [HGW07]. **De-anonymization** [QLJ⁺19]. **Debates** [LPB⁺17]. **Debating** [LSK⁺17a]. **Decentralized** [ABCL17, KBBI15, PAS13, WEJ14]. **Decision** [CRP17, SAB⁺18, YBW19]. **Decision-Aware** [YBW19]. **Deep** [LOD19]. **Defacements** [BDM10]. **Defeating** [HGW07]. **Defending** [BRK04]. **defense** [EL09]. **Defined** [WQC⁺19]. **Degree** [SGOS19]. **Delay** [DZHV16]. **Delegatable** [PO19]. **deletion** [FLL06]. **deliberation** [VDV18]. **Deliberative** [LPB⁺17]. **Delivery** [BCGN16, TMK⁺12, HNF⁺05]. **Delivery-Centric** [TMK⁺12]. **Demand** [KAS14]. **Demand-Invariant** [KAS14]. **Democracy** [LPB⁺17]. **Density** [RMP10]. **Dependencies** [CSMM17]. **dependent** [MS05, WL07]. **Deployment** [TGBG20, WK18, MBC⁺05]. **Deployments** [VSID16]. **depth** [JMSP06]. **Design** [AOVP08, DJ15, MAM03, OWK⁺19, SK17, SS06, ZXH16, BC01, BCF⁺07, DRJ⁺07, FT02, MBC⁺05, Zdu08, HZCS10]. **Detect** [MMP⁺14]. **Detecting** [CDM10, PSA⁺20, PDAMGULMV20, RM17]. **Detection** [ABR17, AAF18, ACDLM19, BDM10, CS09, FPR16, LXC⁺13, MSW⁺16, SAJL16, SR13, WARCD17, XM17, YLL⁺17, YYM⁺19, ZOC11, ZHL⁺16, ZSL⁺17, CDM10, GNK11]. **determine** [GMM09]. **Developing** [AJ03, AGPS05]. **Development** [CDC14, BCF⁺07, CDMF07, MAM03, OSSV05]. **Device** [ABCL17, JS13]. **Devices** [CLM19, FMC19, JLC20, STB⁺19, SST⁺16, DMT07]. **DevOps** [SCL⁺19, XvHWW18]. **Dialogical** [LSK⁺17a]. **Differences** [XM17, LYW⁺05]. **Diffusion** [ZHL⁺16]. **Digital** [CWC14, PAS13, YZY⁺14]. **Dimensional** [KLS⁺17, RIB18, YSW⁺17]. **Dimensionality** [CSMM17]. **directed** [KLMH03]. **disaster** [PRKD20]. **Disclosure** [PVL⁺17, HTG06]. **Discourse** [WS17]. **Discourse-Level** [WS17]. **Discovery** [BJ15, GLWH17, KLS⁺17, AOVP08, BCP08, GLF02, SBG07]. **discrete** [DRJ⁺07]. **Discrimination** [CB15]. **Disgust** [DP17]. **Disputes** [KYY17]. **Disruptive** [ABR17]. **Dissecting** [CCJ⁺14]. **Distance** [YC18, LLSM08, TJLC08]. **Distinguish** [MS17]. **Distributed** [AHM14, ATB⁺11, GS17, SCL⁺19, TGBG20, WK18, AJP07, GBAR08, JN08, KMW09, LLSL08].

Distribution [AAF18, PT09, BVT06]. **Diversity** [HZ11]. **DM2** [MAB19]. **DM2-ECOP** [MAB19]. **DNS** [RMP10, SK13]. **do** [CPV03]. **document** [KRML09]. **documentation** [GMM09]. **Documents** [Mor17, CTZZ06, MPC06, YASU01]. **Domain** [Ano15, LH TL06, LSK⁺17b, Thi05, YCM⁺13]. **Domain-Specific** [LSK⁺17b, Thi05]. **domains** [BYCE07]. **Dominance** [BBH⁺14]. **DONAS** [Ano15]. **Downtimes** [GD17]. **Driven** [FCS⁺18, GNR19, TEMH19, VAKK19, XWML19, YBZ14, BCF⁺07, CDMF07, CLN05, MBC⁺05, Rin09]. **Dual** [YLL⁺17]. **Duplicate** [ZSL⁺17]. **DVE** [CLN05]. **Dyadic** [RSS17]. **Dynamic** [CLF⁺19, RTeR19, ZOC11, ZXYL16, CDIW05, HBGf02]. **Dynamics** [ABDL14, FAGB14].

E-Commerce [BWL16, VPR07, ZH09, Ung05]. **E-deliberation** [VDV18]. **E-health** [PO19]. **easIE** [GPM⁺18]. **Easy** [GPM⁺18]. **Easy-to-Use** [GPM⁺18]. **Economic** [CWC14, YBZ14]. **Economics** [BCG⁺18, CDM⁺14, XWML19]. **Economy** [APAC18, BKK03]. **ECOP** [MAB19]. **Edge** [ACG⁺11, BMG⁺19, CLF⁺19, FYZ19, LPR19, MAB19, MDDB19, STB⁺19]. **Edge-Fog-Cloud** [FYZ19]. **Editorial** [CCM17, FFGM04a, FFGM04b, GS07b, ML08]. **Editors** [AGKW14, BCG⁺18, CDPR17, CGL⁺14, GNR19, KCR⁺17, LPR19, TSS19]. **education** [LLSM08, TJLC08]. **Effect** [DJ15]. **Effective** [HNF⁺05, MPC06]. **Effects** [CWLZ19, YWML19, BSS02, Wil02]. **Efficiency** [BL17]. **Efficient** [AM03, GEFT14, MAB19, OGP⁺18, PK20, SCW17, ZXYL16, ZB20]. **efficiently** [CDIW05]. **egress** [GNK11]. **Elasticity** [CMTD16, GS17]. **electronic** [CPV03, MS05]. **Eliciting** [GHK17]. **Email** [SHH⁺06]. **embedded** [Thi05]. **Embeddings** [WMWM20]. **Emerging** [BCN17, LT16, XvHWW18]. **Emo2Vec** [WMWM20]. **Emotion** [WMWM20, YYM⁺19]. **Emotional** [GRR20, WMWM20]. **Emotions** [DP17, MS17]. **Empathy** [OALA17]. **Empirical** [XM17, ZH09]. **Enabled** [ABC⁺17, SGC16, AHJ⁺20, MBC⁺05, SS06]. **Enabling** [KBBI15, MDDB19, GBAR08]. **Encrypted** [ZXYL16]. **End** [PCBG19, BC01, CFTV03]. **End-to-End** [PCBG19, BC01, CFTV03]. **Engagement** [LSK⁺17a]. **Engender** [YCC17]. **Engine** [JPSS17, VAKK19, NDL07]. **Engineering** [MDDB19, YADI02, AR12]. **engines** [JMSP06, LM04]. **English** [DRJ⁺07, HJPB06]. **Enhanced** [BCFB18, DTE17, HSLH17, HZB19]. **Enhancement** [BCN17]. **Enriched** [KLS⁺17, AKS07]. **enroute** [LSCZ05]. **Enterprise** [GSS⁺14]. **entity** [KMW09]. **Environment** [MAB19, PO19, Var03]. **Environments** [LPR19, MRB19, PAS13, MYS⁺12, SBG07]. **Epidemiological** [MGHB16]. **Equal** [HZB19]. **Equality** [Mor17]. **Equipping** [DMT07, GL14]. **eRulemaking** [LPB⁺17]. **Espionage** [LJS⁺14]. **Establishment** [BCO13]. **Estimating** [CGM03]. **Estimation** [MMR16, RMP10]. **Estimators** [ZOC11]. **Ethereum** [CLZ⁺20]. **Ethics** [BBP18, VDV18]. **Evaluating** [BSS02, MBP⁺17, MPS04]. **Evaluation** [HZ11, JWW15]. **Event** [ABR17, ACDLM19, AGKW14, MP14, OKR⁺14, WARCD17, WEJ14, YLL⁺17]. **Events** [HC14, PSL⁺20]. **Everybody** [HZB19]. **Everything** [BCN17]. **Evolution** [GLQ11, MMV11, FLL06]. **examination** [Hoc02, JMSP06]. **Exchange** [MCS18, ZXH16, LB04]. **Execution** [OGP⁺18]. **Experience** [HS19, PDS20].

experiences [LHTL06]. **Experimental** [ABC⁺17, JLC20, GNK11]. **Experiments** [NDO⁺17, BRRT05]. **expertise** [BF06]. **experts** [BF06]. **Exploiting** [AAF18, BCN17, LC12, PK20, SO17, TK11]. **Exploring** [WLL⁺13]. **Exposure** [RML12]. **Extending** [DKP17]. **External** [LSLY19]. **Externalities** [GdOW14, Web17]. **Extracting** [EM19]. **Extraction** [BWL16, GPM⁺18, WL07].

Facebook [OALA17]. **Facilitating** [Web17]. **Factorisation** [De 19]. **Factors** [LFL17, PVL⁺17]. **factory** [GS07a]. **Failing** [HZB19]. **fairness** [PT09]. **fall** [KSA⁺10]. **False** [GRR20]. **far** [DLLM07]. **farm** [WY01]. **Fast** [KRML09]. **Fault** [AHM⁺15, WEJ14]. **Fault-Tolerant** [WEJ14]. **Feasibility** [RDC16]. **Feature** [YLL⁺17, Dal11]. **Features** [LSK⁺17b, WL07]. **Federation** [ALA⁺19]. **federations** [Zdu08]. **Fighting** [GM04]. **files** [ZHH04]. **filter** [Wil02]. **Filtering** [HSLH17, JKR07, KRML09]. **Filters** [HZB19]. **Financed** [CDM⁺14]. **financial** [LB04]. **find** [ALG04]. **Finding** [PSL⁺20]. **Fine** [APAC18, BDT04, PV17, ZY⁺14, YYM⁺19]. **Fine-Grained** [APAC18, PV17, ZY⁺14, BDT04, YYM⁺19]. **Firewall** [Liu12]. **Five** [AHJ⁺20]. **fixing** [HGW07]. **Flash** [CH05]. **Flexible** [SPJ09]. **Flickr** [YLL⁺17]. **Flow** [MMV11]. **Flows** [NDO⁺17]. **Fog** [CLM19, FYZ19, FMC19, LOD19, LPR19, MRB19, MDDB19, PML⁺19, VASD19]. **Fog-Based** [CLM19, FMC19]. **Footprints** [ZY⁺14]. **Forecasting** [Glu10]. **Forgiveness** [BL17]. **Form** [Mor17]. **Formal** [AVB17, MLMK05]. **Formation** [DGWW15, RSS17, YC18]. **Foundations** [CAV14, KBBI15]. **fragment** [CDIW05]. **fragment-based** [CDIW05]. **Framework** [BDM10, CMTD16, JG10, KKMK16, RZAD17, SST⁺16, VSID16, ZSY⁺17, GBAR08, LLNF12, TPK10, Van08]. **free** [BVT06]. **frequency** [CGM03]. **Frisber** [RCP⁺15]. **functions** [ABMW05]. **Fusion** [ABCL17]. **future** [SD12]. **Fuzzy** [BBH⁺14, JCH⁺18, ZH09].

Game [YC18]. **Games** [BKS⁺14, DABP14]. **Gap** [ZLHD15]. **Gaps** [SPM⁺13]. **Gathering** [ACG⁺11, JMSP06]. **Generalized** [CKKK14, SO17]. **Generating** [AKS07]. **generation** [BCP⁺04, NCEF02]. **Genetic** [SK17, SGOS19]. **Genres** [RM17]. **Geo** [GS17]. **Geo-Elasticity** [GS17]. **Geographically** [GS17]. **globally** [GBAR08]. **goods** [HJPB06]. **Google** [WLL⁺13]. **Graded** [BBH⁺14]. **Grained** [APAC18, PV17, ZY⁺14, BDT04, YYM⁺19]. **Graph** [BLD⁺15, CLZ⁺20, PLZW18, SR13, DLLM07]. **Graphical** [PPV05]. **Grid** [DLZ⁺16, DKP12]. **Group** [LMSTM14, ZXH16]. **Grouping** [SGOS19]. **Guarantees** [CKKK14, BLSW04]. **Guest** [CCM17, FFGM04a, FFGM04b, GS07b, ML08, AGKW14, BCG⁺18, CDPR17, CGL⁺14, GNR19, KCR⁺17, LPR19, TSS19].

Hadoop [RPA⁺17]. **Hadoop-Based** [RPA⁺17]. **hard** [ABMW05]. **Harvest** [TBG⁺18]. **Hate** [PSA⁺20]. **health** [PO19]. **help** [SHB06]. **Helpfulness** [DMGR⁺17]. **Helpfulness-Based** [DMGR⁺17]. **Heterogeneous** [ALA⁺19, YSNL16, ZB20, ZDCB18, AJ03, FFP09]. **heuristic** [HJPB06]. **HICS** [RPA⁺17]. **Hierarchical** [DSVA19]. **hierarchies** [Wil02, ZHH04]. **High** [FYZ19]. **High-order** [FYZ19]. **hijacking** [DCAT12]. **hoc** [ZHDD07]. **Homes** [KLS⁺17]. **Honey** [JPSS17]. **Honey-Based** [JPSS17]. **hosting** [USR09]. **hosts** [CPV03]. **Hotspot** [NBM19]. **hour** [GS07a]. **HTTP** [Kri01]. **Human** [CPV⁺16, CLM19, HS19]. **Human-agent** [HS19]. **Hybrid** [AJSS13, OWK⁺19].

Hyper [LFL17]. **Hyper-Local** [LFL17]. **hyperlink** [FS04]. **hypermedia** [ZHDD07].

i-Jacob [LYM+18]. **IaaS** [LC16, ZLHD15]. **Identification** [NYB+19, HJ08]. **identified** [QLJ+19]. **identify** [Coo03]. **Identifying** [LFL17]. **IDEs** [GL14]. **IDN** [LHTL06]. **Image** [ZJL+15, XZZ08]. **Imbalance** [RTcR19]. **Impact** [AJP07, GLQ11, WZKP19, Liu12]. **implementation** [AOVP08, HZCS10, SS06]. **implementations** [LYW+05]. **Implementing** [MBP+17]. **Implications** [Jor09]. **Implicit** [NDO+17]. **Improve** [AAF18, CT17]. **Improvement** [YBW19]. **Improving** [BL17, OWK+19, XZZ08, YXP+18, ZSY+17]. **in-depth** [JMSP06]. **Incentive** [CWLZ19, NBM19, HGW07]. **Incentive-Based** [NBM19]. **Incentives** [CGL+14]. **Incorporating** [BL17]. **Index** [ZXYL16]. **Index-Based** [ZXYL16]. **Indexing** [CSMM17]. **India** [DD07]. **indicators** [HJ08]. **indices** [LM04]. **Indoor** [KIG+19]. **Industrial** [JLC20]. **inference** [KG10]. **Inferring** [BPSD17, GH06]. **Influence** [CDM+14, IDS19]. **Influencers** [RM17]. **Influences** [HS19]. **Information** [ABCL17, FSC15, GRR20, GPM+18, LFL17, NYB+19, SO17, TK11, YSW+17, YYM+19, BKK03, HTG06, JMSP06, Rin09, WL07]. **Infrastructure** [BBC14, AGPS05]. **Infrastructures** [CRP17, ZB20, DKP12]. **ingress** [GNK11]. **Initial** [PAS13]. **Innovation** [CB15]. **Insider** [LJS+14]. **instance** [MS05]. **Instrumentation** [GEFT14]. **Integrated** [FYZ19]. **Integrating** [LSLY19, VJL+14, YSW+17]. **Integration** [LPR19, CS09, ZXS08]. **integrity** [JKS+10]. **Intelligence** [AHJ+20, ACG+11, ABC+17]. **Intelligent** [RPA+17, SAJL16, AM07, CS07]. **Intensive** [LYM+18, ETRDRO+19, MAM03]. **Intentional** [FYT17]. **interacting** [JMSP06]. **Interaction** [CDPR17, NPP+15, YXP+18]. **Interaction-Based** [NPP+15]. **Interactions** [YCC17]. **interactive** [KMW09]. **interdomain** [GNK11]. **Interest** [GLWH17, YSNL16]. **Interest-Aware** [GLWH17]. **interesting** [Coo03]. **Interfaces** [OWK+19, ZSY+17, PPV05, SNBC12]. **Intermediate** [Glu10]. **International** [FYT17]. **Internationalized** [LHTL06]. **internet** [LLSL08, AM03, AJP07, BLSW04, BCMS06, BCN17, BCGN16, BSS02, BI17, BC01, BRK04, CFTV03, DD07, DNJ19, FFGM04a, FFGM04b, GS07b, GS07a, GBAR08, HC14, JKR07, Jor09, LLSM08, Liu20, MGHB16, MMV11, PT09, PML+19, SD12, TSS19, TGBG20, USR09, Var03, WQC+19, Web17, XvHWW18, XWML19, YSNL16]. **Internet-based** [AJP07, BRK04, XvHWW18, DNJ19]. **Internet-scale** [PT09]. **Internetware** [LYM+18, XvHWW18, OGP+18]. **Internetware-Oriented** [LYM+18]. **Interpret** [LPB+17]. **Interpretation** [LMZ13]. **Introduction** [AM07, AGKW14, BCG+18, CAV14, CSS17, CDPR17, CGL+14, DNJ19, GNR19, KCR+17, LLSM08, LPR19, MBB07, NBFZ15, SD12, TSS19, XvHWW18, ZBF+19]. **Intrusion** [SAJL16]. **Intrusions** [AAF18]. **Invariant** [KAS14, WL07]. **Inverted** [ZXYL16]. **Investigating** [SPM+13]. **investigation** [ZH09]. **Invocations** [WZKP19]. **IoT** [BCGN16, FFKG19, FMC19, JLC20, KLS+17, KKMK16, KIG+19, MED19, Nov19, RPA+17, STB+19, SGC16, SST+16, TEMH19, VASD19, VSID16]. **IoT-Based** [FFKG19, KKMK16, MED19]. **IoT-Enabled** [SGC16]. **IoT-Enriched** [KLS+17]. **IoTs** [SAJL16]. **IP** [EL09, Nov19]. **IP-Agnostic** [Nov19]. **IPv6** [ZW17]. **Irony** [FPR16]. **isotonic** [JKR07].

ISP [DJ15, JS13]. **Issue** [BBP18, BCG⁺18, CAV14, CSS17, CGL⁺14, GNR19, KBBI15, LPR19, TSS19, XvHWW18, LLSM08, MBB07, SD12]. **Issuers** [GAC18]. **issues** [CPV03].

Jacob [LYM⁺18]. **JCloudScale** [ZLHD15]. **Johnny** [KSA⁺10]. **Juno** [TMK⁺12].

Kautz [GLJ⁺12]. **Key** [BCO13, NYB⁺19, ZXH16, DMT07]. **Key-Establishment** [BCO13]. **Keyword** [LC12, ZXYL16]. **Knowledge** [ETRDRO⁺19, GNR19, GHK17, LSLY19, QLJ⁺19, ZSY⁺17, GS07a, WL07]. **Knowledge-Driven** [GNR19]. **Knowledge-intensive** [ETRDRO⁺19]. **KRDB** [GR04]. **Kubernetes** [ZB20]. **Kubernetes-Based** [ZB20].

LAKE [BCO13]. **Lanczos** [FYZ19]. **Language** [CT17, PDAMGULMV20, HP03, MLMK05, Thi05]. **languages** [MLMK05]. **Large** [BDM10, PK20, VSID16, ZHL⁺16, AKR01, JKS⁺10]. **Large-Scale** [BDM10, PK20, VSID16, JKS⁺10]. **Latency** [MRB19]. **Latency-Aware** [MRB19]. **Laughing** [MBP⁺17]. **Layer** [ZXH16]. **Layouts** [JYW⁺19]. **Leakage** [STK17]. **Learning** [ALG04, HXZ⁺20, LSK⁺17b, MS05, WMWM20, ZSY⁺17, DSNK08, FFGM04a, FFGM04b, LLSL08, SMFR08]. **Learning-Based** [ZSY⁺17, HXZ⁺20]. **Level** [WS17, CH05, LSLY19]. **levels** [DRJ⁺07]. **leverage** [GS07a]. **Leveraging** [YSNL16]. **Linguistic** [OALA17]. **Link** [BRRT05, EV07, FLL06, NCEF02, ZHDD07, ZHH04]. **LinkSelector** [FS04]. **Literature** [GLF02]. **Literature-based** [GLF02]. **Live** [PSL⁺20, VAKK19, TJLC08]. **Load** [CLM⁺11, DABP14, WY01]. **Load-Balancing** [DABP14]. **Local** [ACDLM19, CSMM17, LFL17]. **locality** [TJLC08]. **locality-aware** [TJLC08].

Location [Var03, YSW⁺17, BCMS06]. **location-** [BCMS06]. **locator** [BF06]. **log** [ZHH04]. **Logic** [GAL18]. **Logs** [ACDLM19]. **Low** [BCO13, FMC19, SAJL16]. **Low-Power** [SAJL16, FMC19]. **LTE** [SGC16].

Machine [FFGM04a, FFGM04b]. **main** [Ji02]. **maintain** [KMW09]. **Maintainable** [LJLN16]. **Maintaining** [LC12]. **makes** [LYW⁺05]. **Making** [Nov19, SAB⁺18]. **Manageability** [MED19]. **Management** [AHM⁺15, EHY19, FFKG19, FCS⁺18, GNR19, JG10, JS13, KBBI15, MRB19, MED19, PPDG19, RZAD17, TSS19, TK11, ATB⁺11, Ji02, JN08, JAT⁺06, KS07, Var03]. **Managing** [NDO⁺17]. **MANDOLA** [PSA⁺20]. **Mapping** [ZXS08]. **mappings** [CS09]. **Market** [BGL04, KAS14, TPK10]. **Market-based** [BGL04, TPK10]. **Marketplace** [BL17, CPV⁺16]. **Markets** [GHK17, YWML19]. **Markov** [DK04]. **MARSA** [CPV⁺16]. **mash** [GMM09]. **mash-ups** [GMM09]. **Mashup** [CDC14, RDC16]. **Matching** [HC14]. **Materialized** [LC12]. **Matrix** [De 19]. **Maximize** [MGHB16]. **MCEP** [OKR⁺14]. **Me** [OALA17]. **Measure** [DABP14]. **Measurement** [CCJ⁺14, RZAD17]. **Measurements** [DTE17, GD17, HTG06]. **Measures** [DMGR⁺17, PRD09]. **Measuring** [BZVS18, CFTV03, ETRDRO⁺19, TBG⁺18, VDV18]. **Mechanism** [BL17, CLF⁺19, CWLZ19]. **Media** [CDPR17, FAGB14, GRR20, GLT17, MS17, WARCD17, YZY⁺14, Dal11, LCKN05]. **mediation** [MGB⁺07]. **Medical** [ZJL⁺15]. **Meets** [WLL⁺13]. **memory** [ABMW05, Ji02]. **memory-bound** [ABMW05]. **mergers** [BSS02]. **Message** [ZWC⁺17]. **Methods** [MS17, LSCZ05]. **Metric** [XM17]. **Metrics** [GAC18]. **Metro** [CWC14]. **Microcomputations** [KFB⁺14].

Micropayments [KFB⁺14]. **Middleware** [MDDb19, TMK⁺12, BCMS06, Zdu08]. **Migrating** [SAB⁺18]. **Migration** [CLF⁺19]. **Mimicry** [OALA17]. **Minersoft** [DKP12]. **Minimize** [RTcR19]. **Mining** [LT16, NDL07, RDC16, YZY⁺14, ZGB18, EV03, FS04, WL07, ZHH04]. **Misogyny** [PDAMGULMV20]. **Mist** [VASD19]. **Mitigating** [HSLH17, WZKP19]. **mitigation** [CH05]. **Mobile** [AJSS13, BMG⁺19, BZVS18, DZHV16, LOD19, LYM⁺18, LZBN17, MAB19, PGT⁺18, PVL⁺17, PCBG19, ZWC⁺17, ZDCB18, ZJL⁺15, BCMS06, CPV03, SMFR08, Var03, PDS20]. **Mobile-Edge-Cloud** [BMG⁺19]. **Mobility** [OKR⁺14]. **Mobility-Aware** [OKR⁺14]. **mode** [STB⁺19]. **Model** [BMG⁺19, BCF⁺07, CDMF07, CDC14, CO16, CGL⁺16, FCS⁺18, MBC⁺05, MBS19, RDC16, SPM⁺13, WS17, YC18, YBZ14, FLL06, GMM09, ZXS08]. **Model-Based** [CO16]. **Model-Driven** [FCS⁺18, YBZ14, BCF⁺07, CDMF07, MBC⁺05]. **Modeling** [AVB17, PAS13, VJL⁺14, YXP⁺18, SHH⁺06]. **Modelling** [SWD15]. **Models** [AR12, DK04, KG10, MBBW07]. **Moderately** [ABMW05]. **modern** [FT02]. **Module** [MRB19]. **Monitoring** [LZBN17, PK20, PSA⁺20, PSL⁺20, AJP07]. **Moral** [DP17, VDV18]. **Motion** [CLN05]. **Motivators** [HTG06]. **mouse** [CLN05]. **mouse-driven** [CLN05]. **MPARS** [PDS20]. **Multi** [BJ15, FCS⁺18, KLS⁺17, LSLY19, MAB19, RIB18, STK17, SCL⁺19, WMWM20, WK18, YSW⁺17, AGPS05]. **Multi-Agent** [STK17, AGPS05]. **Multi-Attribute** [BJ15]. **Multi-Cloud** [FCS⁺18]. **Multi-cloudlet** [MAB19]. **Multi-Dimensional** [KLS⁺17, RIB18, YSW⁺17]. **Multi-Emotion** [WMWM20]. **Multi-level** [LSLY19]. **Multi-Objective** [WK18, SCL⁺19]. **Multi-user** [MAB19]. **Multicloud** [AV16]. **Multidevice** [DPCM16]. **multidimensional** [PRD09]. **Multifaceted** [VJL⁺14]. **Multilevel** [PLZW18]. **Multimedia** [AdM⁺13, SMFR08]. **Multimodal** [YLL⁺17]. **Multiobjective** [AV16]. **Multiple** [RM17, WLL⁺13, AJ03, HJPB06]. **multiversion** [CTZZ06]. **Myths** [LFL17]. **Naïve** [MBS19]. **Name** [Ano15, YCM⁺13, HBGf02, LHTL06]. **NAT** [Nov19]. **national** [BYCE07, GS05]. **Natural** [CT17]. **Navigable** [YC18]. **Navigation** [KIG⁺19, CLN05, ZHH04]. **navigational** [EV07]. **Nearcast** [TJLC08]. **Need** [PMFS17]. **Needs** [XWML19]. **Negotiating** [CGL⁺16]. **negotiations** [MS05]. **Net** [CB15, Jor09]. **Network** [AHS14, ALA⁺19, ACG⁺11, BGK14, BKS⁺14, CWLZ19, CSMM17, FYT17, GdOW14, LJLN16, PRKD20, QLJ⁺19, SGC16, SLBD20, SCW17, YWML19, ZHL⁺16, GLJ⁺12, HZCS10, BVT06]. **Networked** [LJG18, Gel09]. **Networks** [ABCL17, ABDL14, Ano15, AJSS13, BCFB18, BPSD17, CRP17, CO16, CGL⁺14, DGWW15, GLWH17, JWW15, KKY18, KYY17, MMV11, DMGR⁺17, NBFZ15, PK20, RCP⁺15, SK17, VAK17, YC18, ZWC⁺17, ZJL⁺15, DSNK08, GH06, KG10, LSCZ05, PT09]. **Networks-The** [YC18]. **Neutrality** [CB15, CDM⁺14, Jor09]. **News** [GRR20]. **next** [BCP⁺04]. **next-generation** [BCP⁺04]. **NIST** [SS06]. **Nobody** [HZB19]. **Nonneutral** [AHS14]. **Normative** [KBNV18]. **Novel** [JYW⁺19, PPDG19]. **Novelty** [HZ11]. **Obfuscation** [ABCL17]. **Obfuscation-Based** [ABCL17]. **object** [Zdu08]. **Objective** [WK18, SCL⁺19]. **objects** [SMFR08]. **Obscene** [LXC⁺13]. **Observation** [WQC⁺19]. **observations** [CH05]. **ODIN** [ABCL17]. **Off** [AHS14].

Off-Network [AHS14]. **Offensive** [RCP⁺15]. **Offloading** [ADAP19, MAB19, ZDCB18]. **offs** [AOVP08]. **offshore** [AJP07]. **offshored** [DD07]. **One** [DCAT12]. **One-time** [DCAT12]. **Online** [ASBH⁺16, ALA⁺19, BGK14, BPSD17, BL17, BKS⁺14, CCM17, HTG06, JWW15, KKY18, KYY17, LPB⁺17, LXC⁺13, NPP⁺15, PSA⁺20, RIB18, RM17, RZAD17, SCL⁺19, VAKK19, YWML19, ZDCB18, Guo02, JKS⁺10, LYF⁺09]. **Ontology** [LMSTM14, Rin09]. **Ontology-Based** [LMSTM14]. **ontology-driven** [Rin09]. **Oops** [STB⁺19]. **open** [BCP⁺04]. **OpenStack** [MDDDB19]. **OpenStack-based** [MDDDB19]. **Operation** [STB⁺19]. **Operation-mode** [STB⁺19]. **Operations** [PRKD20]. **Operator** [GEFT14]. **Opportunistic** [BI17, ZWC⁺17]. **Optimal** [DRJ⁺07, LSCZ05, Guo02]. **Optimisation** [SCL⁺19]. **Optimization** [AV16, WK18]. **Optimizing** [LM04, LYM⁺18, PGT⁺18, STB⁺19, TK11]. **Options** [RML12]. **Orchestration** [ZB20]. **Order** [MP14, FYZ19]. **Oriented** [LYM⁺18, BCP08, LXW⁺12, Van08, Zdu08, ML08]. **Other** [DP17]. **Other-Condemning** [DP17]. **Out-of-Order** [MP14]. **Outcomes** [KAS14]. **Outdoor** [PDS20]. **Outlook** [Liu20]. **Outreach** [DKP17]. **outsourcing** [GS07b, XCL07]. **overbooking** [USR09]. **overhead** [JAT⁺06]. **overload** [SHB06]. **OWL** [ZXS08].

P [Ano15, CLM⁺11]. **P-DONAS** [Ano15]. **P-Ring** [CLM⁺11]. **P2P** [Ano15, BJ15, CLM⁺11, TJLC08]. **P2P-Based** [Ano15, BJ15]. **PaaS** [ZLHD15]. **PADUA** [MMP⁺14]. **Page** [XM17, DK04, THS06]. **PageCluster** [ZHH04]. **PageRank** [BGS05, Bri06]. **pages** [CDM10, LXW⁺12]. **Parallel** [MMP⁺14]. **Paris** [CWC14]. **Participation** [LFL17, VDV18]. **party** [BZVS18].

Password [ZXH16]. **Password-Authenticated** [ZXH16]. **Past** [HS19]. **Path** [SLBD20, YASU01, GL14]. **path-based** [YASU01]. **Pattern** [MED19, Zdu08]. **Pattern-based** [Zdu08]. **Patterns** [BPSD17, CDC14, LC16, RDC16, Coo03, EV07, KRML09]. **Pay** [XWML19]. **Peeking** [RMP10]. **Peer** [BGK14, GLWH17, RS09, ZHDD07]. **Peer-to-Peer** [BGK14, GLWH17, RS09, ZHDD07]. **Peering** [CGL⁺16]. **Peers** [SGOS19]. **Perceived** [PDS20, Dal11]. **Performance** [CCJ⁺14, ETRDRO⁺19, JAT⁺06, LC16, CFTV03, HZCS10, KLMH03]. **Personal** [CLM19, PVL⁺17]. **personalization** [AKS07, AM07, EV03, EV07, NDL07]. **Personalized** [CO16, AGPS05, LYF⁺09]. **Personalizing** [BGK14, DSNK08, LLNF12]. **Perspective** [BKS⁺14, GR04]. **Perspectives** [SPM⁺13]. **Pervasive** [PDS20]. **phish** [KSA⁺10]. **phishing** [CDM10, HJ08, YW10]. **Physical** [FYZ19, VAK17, BRK04]. **Planning** [STK17]. **Platform** [PSA⁺20, TMK⁺12, Hoc02, USR09]. **plugged** [PP11]. **plush** [ATB⁺11]. **Poisoning** [YCM⁺13]. **Policies** [ZGB18, Ung05]. **Policy** [BTH⁺17, DSVA19, MAB19, PV17, Hoc02, Liu12]. **Policy-Carrying** [PV17]. **Policymaking** [GAC18]. **politics** [Kri01]. **Popular** [BWL16]. **Popularity** [FAGB14]. **portals** [FS04]. **Portlet** [DR05]. **Post** [PRKD20]. **Post-disaster** [PRKD20]. **Power** [BZVS18, SAJL16, FMC19]. **Practical** [FYZ19, RCP⁺15, SABG17, VDV18, WQC⁺19]. **Practices** [JG10]. **Predict** [ABR17, DMGR⁺17]. **Predictability** [LC16]. **predicting** [DK04]. **Prediction** [De 19, HZB19, CLN05]. **Preference** [YZY⁺14, Hoc02, NDL07]. **Preference-Aware** [YZY⁺14]. **Preferences** [BBH⁺14, LMSTM14, PDS20].

Prefetching [KIG⁺19, CLN05, LM04]. **Premium** [CGL⁺16]. **Presence** [FYT17]. **Preservation** [EHY19]. **Preserving** [ABCL17, CSMM17, KKY18, PLZW18, XCL07, FYZ19, PSK10, SLBD20]. **Preventing** [DCAT12]. **Price** [CKKK14, DABP14, HZB19, KAS14]. **Priced** [RML12]. **Prices** [CGL⁺16]. **Pricing** [AHS14, CGL⁺14, XWML19, CWC14]. **Principled** [FT02]. **Principles** [ABC⁺17, PJZ18]. **Privacy** [ABCL17, BCG⁺18, DTE17, FYZ19, KKY18, KS03, KYY17, PLZW18, PSK10, SLBD20, STK17, ZGB18, Hoc02, Kri01, XCL07]. **Privacy-Enhanced** [DTE17]. **Privacy-Preserving** [ABCL17, PLZW18, FYZ19, PSK10, SLBD20]. **PrivacyCheck** [ZGB18]. **Private** [KAS14, ZXYL16]. **probabilistic** [KG10]. **Probing** [RMP10]. **Problem** [RML12]. **Problems** [CT17, SK17]. **Process** [ACDLM19, GNR19, PPDG19, YBW19, GMM09]. **Processes** [ETRDRO⁺19, SABG17, YBW19]. **Processing** [BGK14, MS17, MP14, OKR⁺14, PSA⁺20, ZJL⁺15, HP03]. **Product** [BWL16, WLL⁺13]. **profiles** [AKS07, LLNF12]. **profiling** [USR09]. **Profitability** [YWML19]. **programmable** [HZCS10]. **Programming** [BBC14, GAL18, ZSL⁺17]. **Progressive** [CSMM17, ZJL⁺15]. **project** [BMS02]. **Properties** [MMV11]. **Property** [EHY19]. **protection** [YW10]. **Protocol** [SGC16, Hoc02]. **Protocols** [GAL18]. **PROV** [Mor17, SABG17]. **Provenance** [BTH⁺17, CCM17, GEFT14, NDO⁺17, RIB18, SABG17, GMM09]. **Provenance-Aware** [RIB18]. **providers** [BSS02]. **Providing** [AJSS13, GS17, LHTL06]. **Provisioning** [TEMH19, VPR07, VSID16, SPJ09]. **proximity** [PRD09]. **Proxy** [BI17, PK20, YCM⁺13, LHTL06]. **pseudonymity** [KS03]. **Pseudoperiodic** [MSW⁺16]. **Public** [LC16, DMT07]. **Publish** [DLZ⁺16]. **Publish/Subscribe** [DLZ⁺16]. **Publishing** [PLZW18, WRC01]. **Pure** [EM19]. **QoS** [JN08]. **QoS-aware** [JN08]. **Quality** [ASBH⁺16, BKK03, LSK⁺17b, OWK⁺19, PDS20, RDC16, YCM⁺13, Dal11]. **Quality-Based** [ASBH⁺16]. **Quality-of-Service** [LSK⁺17b]. **Quantify** [BCN17]. **Quantifying** [STK17]. **Quantitative** [CGL⁺16]. **Queries** [BJ15, CLM⁺11, LC12, CTZZ06, GR04, LXW⁺12]. **Query** [LMSTM14, ABMP07, PPV05]. **query-conscious** [ABMP07]. **Querying** [ZSY⁺17, FFP09]. **Question** [LSLY19, VASD19, ZSL⁺17]. **questions** [ALG04]. **Quota** [ABDL14]. **QURSED** [PPV05]. **RA** [PPDG19]. **Raising** [DR05]. **Random** [CSMM17]. **Range** [CLM⁺11]. **ranking** [BRRT05, LYF⁺09]. **ranks** [THS06]. **Rates** [Glu10]. **Rating** [CO16, RIB18, FLD12]. **ratings** [JKR07]. **Re** [QLJ⁺19]. **Re-identified** [QLJ⁺19]. **Reachable** [Nov19]. **reading** [LYF⁺09]. **Real** [BJ15, TEMH19, WARCD17]. **Real-Time** [TEMH19, WARCD17]. **Real-World** [BJ15]. **Reality** [PDS20, PSL⁺20]. **Realtime** [CPV⁺16]. **Reasonable** [JG10]. **Reasoning** [EHY19, GL14, JPSS17]. **Reciprocation** [RSS17]. **Reciprocity** [YC18]. **Recognition** [AGKW14, CLM19]. **Recommendation** [CDC14, CO16, HXZ⁺20, HZ11, LSLY19, YSNL16, YSW⁺17, BGL04, OHKS04]. **Recommendations** [NPP⁺15]. **Recommender** [AdM⁺13, MBBW07, RS09]. **Recommenders** [JWW15]. **Reconciliation** [ASBH⁺16]. **Reconciling** [LMZ13]. **Reconfiguration** [SK17]. **Recovery** [BLSW04]. **reduced** [Dal11]. **Reduction**

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