Title word cross-reference

A-MAC [DDHC12]. Abstraction [JJ15, RKJ09]. Accelerating [CS17].
Accelerations [ZHL15]. Access [SBSD18, ZHJ+20, PFJ13, RDR07].
Accuracy [LHX+21, BHA+13]. Accurate [AHK16, COS19, CLX+21, PKC+18, VTY18, ZLW+15]. ACES [FBAG20]. Achieving [VHC+09, WC13, ZGHZ12]. Acoustic [CK09, GNY16, GAI+06, KVI+13, SHY13].
Acoustical [MKK13]. acquisition [AAA06]. Across [HPS+18, SPK+10].
Activation [MNLZ18, BCL+12, HR13, JKK08]. Active [MGS+15, IW14]. Activities [KSR+20].
Activity [Pha16, WHYC19, YYSL08, dLM14]. Actor [TDD+19]. 802.15.4m [BAP+17].

Auditing [TCN+17], augmented [SPK14].
Authenticated [YLSZ19]. Authentication [LHZWW20, NLD08, WDLN09, XWDN12, ZSJN07], authenticity [ADF12].
Authority [AKC+18]. Auto [KRP15, RKR17]. AutoCalib [BTR+18]. Automated [NLH+19]. Automatic [BTR+18, FBAG20]. Autonomous
[SAK+19]. AutoWitness [GPL+12]. AUVs [RHS20]. Availability [ZGH+21, AD12]. Average [CG18]. Averages [Kou18].
avoidance [WEC11]. Aware [ARWK19, BMD19, EA15, MCLM20, RBS16, TNBG18, XHXL16, XZL+20, YYFL17, ZZZ+20, COS19, CCC+21, DLD09, FS13, GAJ+06, HR13, LDG+21, LCC10, MKM+20, ZGH+21, HBLR05].
Backscatter [ZLZ21]. Balancing [KKP18, LP08, LKA10]. Band [GT19].
Bandstitched [PKC+18]. bandwidth [CHN+13, CRW07, EMBP12].
bandwidth-constrained [CRW07].
Barometer [DSA+20]. BaroSense [DSA+20]. Barrier [FSL+14, CLX09]. base
[SH09]. Based [AH14, BNN+20, CKHP19, EY14, GCAK17, HMLJ17, HSL+15, JAC19, KGBS18, KLC+16, Kout18, KRP15, LWCJ14, LWX+21, MDC17, MNLZ18, NGBB14, RKR17, SMR+14, SUZK19, SZG+15, WJD16, WTX+16, WZZ+21, WM+19, XCT+16, XWW+20, XJR+17, XDM+21, YSK+15, YRB+17, ZSSZ20, AAA06, BLWY06, CLSW12, EMBP12, GCRB12, GBS08, HSWG21, HM07a, HCXT09, JHU+13, KBD14, KKK08, KPS12, KAS+10, LWG09, LHZWW20, LL21, LMD08, LHX+21, MDM+20, MS12, NEKK12, NJS05, NLL+19, PDMJ10, RS19, SGM08, SCL+19, TJZ+13, TXC+13, TBL07, VG10, VAC13, WYY+19, WZLM21, WHYC19, YH13, YXG+19, ZKS10, ZJX10, ZLLZ21, ZZ21, ZDS+21, ZBA07, BHA+13]. bases [JLYG13]. Bats [DML+16]. Battery
[CKHP19, HKG+19, SCL+19, ZLL19, ZLL20]. Battery-Free [ZLL19, SCL+19, ZLL20]. Bayesian [BT18, NP12, ORRJ12, WB17].
beamforming [FLJ+13]. Beams [TCB+14].
Bed [AJH+20]. Behavior [HL17, KGBS18, NDM+13, ZGH+21]. Behavior-aware [ZGH+21].
benchmark [LDH06]. benefits [JSBN+12]. between [FLFW13]. Beyond [YJWL13].
Bi [JAC19]. Bi-dimensional [JAC19].
BikeGPS [CT19]. BikeNet [EML+09].
[KAH+10]. Bit [HCL15]. Blind [BY19].
BLITZ [SDBT19]. block [LDH06]. BLOW
[WWL+16]. Blueprints [LSW14].
Bluetooth [YYC+19]. Body
[AJH+20, DSH16, DGS16, Hau14, MSAJ18, RHD17, LYG+13, VGl0].
bogus [XWDN12]. BOND [MCGZ21]. both
[HTW07]. Bottleneck [MCGZ21]. bound
[ZH05]. Boundaries [Sch15]. Boundary
[CS17, CS18, SSGM10, ZBA07]. Bounds
[Bra07, JTE20, MCW+16]. breach
[CRW07]. Brick [FC18]. Bridging
[ZWWZ20]. Bringing [IHGS15]. Broadcast
[XCC+15, ZLL19, JROH09, NLD08, SGM08, WDLN09, XWDN12].
broadcasting [HM07a]. Buffer [WJZ21].
buffering [LCC10]. bugs [KLA+14].
Building [ECPC14, FPA+20, KOD+14, LCM21, SCL+14, YXG+19]. Buildings
[ABC+18, CHSA18, HBW+18, WCV+18, ZWWZ20]. BuildSense [CS19].
BuildSys’17 [NJ18]. Built
[AKC+18]. bulk [GCRB12]. Bytecode
[RS19].
cache [PA05]. Caching [XFZ+21]. CAG
[YS07]. Calibrating [KNSM14].
Calibration
[BTR⁺18, CML⁺21, DRC06, TXY⁺13].
CAMA [DRW⁺14]. Camera
[BTR⁺18, TAT14, TAM14, CHN⁺13, DRC06, ES12, ELYR14, IW14, KNSM14, MCT14, SPK14, ST12, WL14, WC13].
Cameras [YRB⁺17, EGG13]. Campaigns
[DD11]. Can [LSW14]. cane [HBC⁺09].
canonical [TA07]. Canyons [CT19].

capabilities [Bra07]. capacitor [ZGH12].

capacitor-driven [ZGH12]. Capacity
[BIST18, HR13, LF⁺19, ZJZ12].
Capacity- [HR13]. CapNet [SSL⁺19].
Capping [SSL⁺19]. Capture
[DRW⁺14, MDC17]. Carpooling [ZH16].
Carries [ZHJ⁺20]. Cascaded [RSK⁺21].
Case [OP⁺16, IV12, JKS⁺10, RRM09].

Catching [GSP09]. CATS [GX⁺16].

CDS [FKMS06]. Cell [JHU⁺13].
Cell-based [JHU⁺13]. Cellular
[BR⁺18, ZZX⁺20]. Center
[LWX⁺21, SSL⁺19]. Centers [CTW⁺15].
Centric [HCL15, LCM21, XDX⁺14, CUDZY13, LCH⁺09, YSM08]. certification
[GSL10]. Chain [PK20]. Chaining
[XZL⁺20]. Challenges [RDP⁺16, RGB⁺17].
Channel [KR18, NK15, TNNB18, WZLM21, SC12, XTX10]. Channels
[GM14, VMS10, WWXV13]. Characterization [ZXX⁺20]. Charge
[SGC⁺15, ZZX⁺20]. Charge-Aware
[ZXX⁺20]. Charging
[CKHP19, LDC⁺19, LXR⁺16, LWX⁺21, MZV⁺19, YWD⁺21, ZWY12]. checking
[KA13]. Chief [LW13]. Child [CJ1⁺20].
Children [YRB⁺17]. Chromophore
[BNN⁺20]. ciphers [LDH06]. City
[WJ21, XFX⁺21]. City-wide [WJ21].

Classification
[AJH⁺20, RSK⁺21, YRB⁺17]. classifying
[BNG12]. Clear [KR18]. Clock
[JTE20, VTY18]. clocks [SSC⁺10].
Clothing [SZX17]. CloudNavi [TGG⁺19].
Clouds [TGG⁺19, TTBH14]. Cluster
[AH20, KKK08, NGBB14, HM07a, JKA⁺10].

Cluster-based [KKK08, HM07a].
Cluster-tree [AH20, JKS⁺10]. clustered
[MZWT10, YS07]. Clustering
[LWX⁺21, MB09]. Clustering-based
[LWX⁺21]. CMAC [LSF⁺09]. CO [AAHS18].

colour [LL09]. coalition [VAC13]. Code
[DCBL15, PBM11, QM13]. codebook
[ZZ21]. coded [ME21]. Codes
[DML⁺16, JJ15]. Coding
[EA15, JAC19, VRSR15, WYH17, DVS⁺14, KAAF13, MB09, WZL08].

Coding-Aware [EA15]. Coexistence
[DHS16]. Coexisting [MSA18]. CoHop
[WZLM21]. Cold [MSZ⁺17]. Cold-Start
[SMZ⁺17]. Collaboration
[PCPK14, SWY21]. Collaborative
[CRZ⁺20, GSL10, HM07a, KQ14, LWY⁺21, WY17⁺19]. Collaboratively [LSW14].

Collection [DDA11, HLN⁺11, JJ15, WBS14, YB17, ZLGL21, GFJ⁺13, JHU⁺13, LKA10, Su07, WZL08]. collision [CCC⁺21].

Combinatorial [TCB⁺14, RR09, Su07].

ComFor [Amm16]. Commercial
[WCV⁺18, ZZX⁺20]. Communication
[BY19, CSA06, CD11, DGS16, EY14, FM15, GM14, Hau14, HBW⁺18, ME21, PK20, RJS10, SBS18, SDBT19, ZDS⁺21, KGGK11, KAR⁺14, LSY⁺10, PDM10, XLZ⁺07]. communication-efficient
[KGGK11]. Communications
[WWFX11, WLS⁺16, ZL21, SYL09].

Communities [SBSD18]. compact
[SZG13]. Comparative
[MPRS16, MPC⁺10, RBD13].

Compensation
[BNN⁺20, WJZ21, XXHL16, SC12].
Compilation [RS19]. Complex
[CS18, LFNS14, TJK14, WHYC19, LWG09].
Complex-Valued [WHYC19]. Complexity
[VRSR15, GJNC⁺14, KLA⁺14, MB09].
Complexity-Constrained [VRSR15].
Component [AH14]. Component-Based
[AH14]. components [TLRE13].

Composite [Amm16]. Composition
Compression [AKSM15, AH14, JAC19, LL16, RBD13, TCN+17, WB17, ZMVR14, HM07a, KLIJ12, PKG08].
Compressive [CGB+19, EA15, XAKV15], compromise [DLD09, PX13].
compromises [SZZC08]. Compromising [LIHX21]. Computation [SHWW20].
computational [XRS10]. computer [IW14]. Computing [LDG+21, SHWW20, Dji10]. concave
Concurrency [LCH+21b, LCH+20]. Concurrent [CP20], condition [TBL07].
condition-based [TBL07]. conditions [FT06]. Configuration [FBAG20, JZX+20, WWXY13, XZW+05, XZL+07]. conflicting
[WKA14]. Congestion [DSA+20, KKK08, WEC11]. Connected [GCAK17, SBS18, YTB+14, ZDG09].
Connectivity [BGMP15, ENPNF13, LWG09, TJZ+13, WJD16, CJS11, HTW07, XWZ+05].
Connectivity-Based [WJD16, LWG09, TJZ+13]. Consensus [RBS16]. Consensus-Aware [RBS16].
conservation [XZW+05, YFW+13]. conserving [HLTC06, PA05]. Considering [PZ0Z21]. Consistency [JM16]. constant
[FT06, LHRM09]. Constrained [DBOD+16, LDC+19, VRSR15, ZMVR14, CSA06, CRW07, RS19]. Constraints
[RD16, YWD+21, GCBL06]. Constructing [PSB+14]. Construction
[SCL+19, WWL+16, WJD16, PR10]. Consumption [JZX+20, LP08].
Contactless [JJLW19]. Containing [XWDN12]. Contamination [PK19].
Content [XFZ+21]. contention [DIE14, RDR07, ZJX10]. contention-based
[ZJX10]. Context [BIMD19, KSR+20, YXFL17].
Context-Aware [BIMD19, YXFL17]. Contextual [LJW+21]. Continuous
[LHZZ20, JHU+13, WZL08]. Contour [XYG+19, SCWC13]. Contour-based
[XYG+19]. Control [GTL19, HL17, JZL+19, KCE+20, KPCB20, LWL+21, LMZ+16, PK02, WCPC20, IW14, KKK08, KRJ09, LSW06, NC10, OBB+13, SG10, WWLX13, ZCLJ14]. Controlled
[KSMH13, PG10]. Controlling [BIST18]. convergent [LFS09]. Convex
[CS18, TJKL14]. Convolutional [LHZZ20]. cooled [LWL+21]. Cooperation
[CT19, HWS+20]. Cooperative [BIMD19, DSH16, DGS16, Lam15, LK09, NK14, ZGX+16, SYL09]. coordinate
[DABNR10]. coordinates [CA06].
Correction [JTE20, KRP15, RKR17, KLC13]. Correlated
[HCL15, WKYH17, GNDC08, JP06]. Correlation [SUZK19, WZL21, PKG08].
Correlation-based [WZL21]. Correlations [LWY+21, JKK08, YS07].
Cost [COS19, CML+21, LFL+19, TAT14, ODPC13]. Cost-aware [COS19]. CoUAS
[HWS+20]. count [NEKK12].
Countersniper [LN+05]. Counterstrategy [CPL+20]. Counting
[CG18]. Counts [HCL15]. Cov [Amm16].
Cov-ComFor [Amm16]. cover [ZDG09].
Coverage [CRW07, FLS+14, GM14, QK12, Lam15, LFNS14, MZWT10, MCT4, MAG13, SAK+19, SCL+19, YTB+14, Amm13, Bra07, CGVC06, CLX09, CLH+13, CGD12, ENPNF13, HTL06, HTW07, LP06, MRM09, SCWC13, WC13, WLZ13, XWZ+05, YYM+10, YLL13]. coverage-preserving [HLTC06]. Covered
[Amm16]. created [MPC+10]. Credential
[YLSZ19]. criteria [MCT4]. Critical
[CJS11, CML+21, PSB+14, TYGW15].
CRONOS [SZ19]. Cross
[CD21, KPRH14, WXL+19]. Cross-Layer
[KPRH14]. Cross-Technology
[CD21, WXL+19]. Crowd


Cyber-Physical [SJH+18, SDX+20]. Cycle [GLS+14, Pha16, XCC+15, PEFSV13, SPK14, WVLX13]. Cycled [Amm16, BGM15, LCH+19b, SSC+10, YH13].

Cycling [LLL14, NK15, ZZZ+20, JCC+13]. cyclist [EML+09]. D [Amm16, TJZ+13, BY19, TJZ+13, TGG+19, WWL+16, WJD16, YRB+17]. D- [Amm16]. D/ [TJZ+13]. D2D [WYY+19].

DAML [ZS20]. Data [ARW+19, AAM18, ADF+12, BYD+15, CTT+15, DDI+11, DAA+11, EA+15, GZZ+14, HML+17, HBP+14, HLN+11, HLI17, HCL15, JZL+19, KIM+17, LWW+21, LLX+14, LWJC+14, LC14a, LLZ+20, LCM+21, PSB+14, SSL+19, SJH+18, SZ+19, SCL+14, SDX+15, SG11, SWYW+21, TCN+17, WR+L11, WWZ+21, W+J21, WBS14, XAKV15, YB17, ZG+16, ZS+20, ZLGL+20, Amm13, AAA+06, CDGC12, CCMT09, CC11, CNMH08, CGD12, Cu+VY13, FLJ+13, GCBO16, GNDC+08, J+H13, JPO+06, Kal10, KBD13, KLJ12, KLA+14, KVI+13, LMI0a, LMI0b, LKA10, LK09, MDC+09, NRC+09, NP12, NDM+13, ORR12, PA05, PH10, RKW+06, SG10, TXY+13, TJK+13, WL+14, WZL+08, WLD10, ZKS+10, ZJX0, ZSJ07].


Detecting [GZ+14, SST08, YRB+17]. Detection [AJH+20, ARW+19, BNPR+20, CS17, CS18, DD11, DSA+20, HSL+15]. IPMGL18, LZZ+15, MNLZ18, PTDD16, Sch15, SDC10, XWW+20, Bra07, CGV+06, KBD14, KC14, KPK12, LPR+09, NP12, PC10, TXC+13, TTBH14, WEC+11, WRS10, ZDW+10, dLM14, SGG10]. detector [GAJ+06]. determine [RMB+10]. Determining [IPMGL18]. Deterministic [BDO+14, BQB+11, SC15, SB16]. Developing [SM+14, GRE+07].

[YSK+15]. Diagnostic [SEZA13]. Diary [FSSR15]. DICTUM [WWB+19].
differences [XRS10]. Differentiating [KR18]. diffusion [Gel07, NGSA08].
Digraphs [KKRR15]. Dimensional [Amm16, JAC19]. Dimensioning [JKS+10].
Direct [Den09]. Directed [JROH09, EFI+10]. Directional [YTB+14, ZJZ12]. Directions [AMTH+17].
Discovery [MJS+19, ZHL+15, ZGH+21, ZVPS10].
Discrete [KKP18]. DISH [TDD+19].
Disjoint [HSD16]. disk [FKMS06].
Dispatching [MCLM20]. Disruptive [PS17, SXD+15]. dissemination [FLJ+13].
Distance [HMLJ17, KASD09, SS13, YJWL13].
Distance-Based [HMLJ17].
distance-sensitive [KASD09]. distances [XRS10]. distortion [GCBL06, VMS10].
Distributed [AH20, AHK16, BYD+15, BJR15, BIST18, CVV09, CPH06, DRC06, HTW07, JJS15, 
LED20, LWSL12, LH09, LWCJ14, SZG13, SGB15, VRSR15, WL14, WBS10, WWL+16, 
YM14, YLL13, ABM13, CNMH08, ELYR14, FS13, FKMS06, GJNC+14, KC14, KASD09, 
PG09, TMAP14, WC09, WC12, ZVPS10, ZSJ06, TDD+19, WWB+19].
Distribution [CTW+15, PK19, SPK+19, ZW05].
distributions [SZG13]. Districts [ZZZ+20].
diversity [KAR+14]. Division [ZZZ+20].
DNN [JYB+21]. DOA [BY19].
DOA/Symbols [BY19]. Does [RSK+21].
Dominating [SCL+19]. Doorman [GKRW17].
Doppler [KAS+10]. Downtime [SXD+15].
Downward [IIK20, KLC+16, KJP+15].
Drift [KRP15, RKR17]. Driven [PK19, SZ19, 
JLZL19, LC14a, SPK+10, WJ21, ZGHZ12].
Driver [ZGH+21]. Drivers [XWW+20].
Driving [BNPR20]. Drones [SAK+19].
droplet [LCC+13]. Drowsiness [XWW+20].
DrunkWalk [CRZ+20]. Dual [ZLZ21].
Dual-codebook-based [ZLZ21].
DualMOP [KJP+15]. During [CGB+19, JYB+21].
Duty [Amm16, BGMP15, GLS+14, LLL14, LCH+19b, 
PEFSV13, Pha16, XCC+15, ZZZ+20, 
JCC+13, SSC+10, SPK14, WWLX13, YH13].
Duty-Cycle [GLS+14, Pha16, PEFSV13, WWLX13].
Duty-Cycled [Amm16, BGMP15, 
LCH+19b, SSC+10, YH13].
Duty-Cycling [LLL14].
DutyCon [WWLX13].
dWatch [XWW+20].
Dynamic [AHK16, CQDW21, 
DD11, FM15, GM14, Lam15, LDG+21, 
MDM+20, ME21, NC10, RKW+06, SBSB18, 
SGB15, WRYL11, WB17, WJZ21, YLSZ19, 
ZKS10, ZYZ+19, IR12, KB14, WWLX13].
Dynamically [SML18].
Early [JYB+21].
earby [TXC+13].
eavesdropping [PX13].
economic [ELYR14]. ECPP [SXD+15]. ECT [WXL+19].
eDeepSave [JYB+21].
Edge [JYB+21, LDG+21, ME21, SHWW20, 
XЗL+20, XFZ+21].
Edge-coded [ME21].
Edge-Computing-Supported [SHWW20].
Editor [Liu21]. Editor-in-Chief [Liu21].
Editorial [Liu21].
Effect [DRW+14, MDC17].
Efficiency [LFW+19, XCC+15, FLFW13, SYL09, 
VAC13, WIF+11].
Efficient [Amm16, CMT11, DRW+14, DCBL15, 
DMG+16, EA15, GNC08, HSGW21, 
HBKP14, IIPK20, KLC+16, LED20, 
LWM+21, LHX+21, MCLM20, NGCB14, 
NZLH15, PBMB11, PCPK14, SDHT19, 
VPB+20, WTX+16, WLS+16, WMT+19, 
XXH16, YB17, ZSKH08, AH20, CNMH08, 
CLL+13, CGD12, DDHC+12, FLJ+13, 
GCRB12, GCBL06, GJF+13, HKL+06, 
JCC+13, KPB+08, KGKG11, KW09, 
LPV+09, LDZ13, LYW+21, LFS09, MP10, 
NLH+19, Su07, TJWK13, TBL07, VG10, 
WEC11, WBS10, WLD10, WLY+20, ZLZ21, 
ZLG120, ELR08, ZSJ06].
EH-WSNs [AMAT+18]. eigenvector
[CLS12]. Electrical [VTY18].
Electromagnetic [LTY18]. Elements
[DDA11], elephants [GWW09], Elliptical
[RBLP09]. Embedded [CBSA18, DCBL15,
JZX+20, IV12, LJY+10, MKK+13, SSC+10].
Emotion [JLZL19, SMZ+17].
Emotion-driven [JLZL19]. Empirical
[DGS16, GKRW17, SDTL10]. Empowered
[KCE+20]. Emstar [GRE+07]. Emulation
[HSSS17]. Enable [HWS+20]. Enabled
[DSH16, KOD+14, WWZ+21]. Enabling
[LJW+21, MNZL18, PHKK17]. Encode
[WKYH17]. encrypted [CCMT09].
Encryption [TCN+17]. End
[YSK+15, WWLX13]. end-to-end
[WWLX+13]. Energy
[AMAT+18, AH20, Amm16, BDO14,
BASM16, CBSA18, CKHP19, CCC+21,
CPL+20, DBOD+16, DML+16, EA15,
ECPC14, FLJ+13, FBAG20, HSSS17,
JZL+19, JCC+13, KOD+14, KLC+16,
KPB+08, KW09, LPV+09, LED20, LLL14,
LNY+21, LWM+21, LFW+19, MDM+20,
NZLH15, NZM21, PA05, SPK+10, SDBT19,
TCN+17, TJKWH13, TBL07, VAC13,
WEC11, WLD10, WTX+16, WCV+18,
WJ21, XCC+15, XHHL16, YXFL17, YB17,
ZLYW19, ZZZ+20, ZLZ21, ZWY21, ZMVR14,
ABM13, CNMH08, CLH+13, CGD12,
FLFW13, GAJ+06, HKL+06, HLTCC06,
HR13, Kal10, LP08, LDZ13, LFS09, SYL09,
SGM08, SS13, SW07, SC12, WBS10, WIF+11,
XWZ+05, YPW+13, ZGH+12, MGS+15].
energy-aware [GAJ+06, HR13].
Energy-collision-aware [CCC+21].
Energy-Delay [DBOD+16].
Energy-Depleting [CPL+20].
Energy-driven [SPK+10].
Energy-Efficient
[Amm16, DML+16, EA15, KLC+16, LED20,
LWM+21, NZLH15, SDBT19, WTX+16,
XXHL16, YB17, AH20, FLJ+13, JCC+13,
KPB+08, KW09, LPV+09, LNY+21,
TJKWH13, TBL07, WECL11, WLD10, ZLZ21,
CNMH08, CLH+13, CGD12, HKL+06,
LDZ13, LFS09, WBS10]. Energy-Fairness
[LLL14]. Energy-Harvesting [AMAT+18,
JZL+19, CCC+21, MDM+20, MGS+15].
Energy-Optimal [BDO14].
Energy-Saving [YYH17, SGM08].
Enhanced [JY+18, ZYZ+19]. Enhancing
[BHA+13, WHYC19]. EnHANTs
[MGS+15]. Enlargement [PTDD16].
ensuring [HTW07]. Entropy [RKRP17].
Entropy-Based [RKRP17]. EnviroMic
[LCH+09]. Environment [AKC+18,
JYB+21, LFNS14, WTX+16, GRE+07].
Environmental
[DD11, Kou18, ACB+13, IBS+10, ORRJ12].
Environments [GM14, GKRW17, HSSS17,
MNLZ18, XCT+16, KMS+10, WX08].
epidemic [DLD09]. equal [MPC+10].
equally [NCV10]. Erasure [DML+16].
Erasure-Resilient [VRSR15]. Error
[PPM15, VRSR15, AAA06]. error-based
[AAA06]. Error/Erasure [VRSR15].
Error/Erasure-Resilient [VRSR15].
Errors [GZZ+14]. establishment [HM07b].
Estimating [Kou18]. Estimation
[BY19, CLX+21, DSA+20, KMY17, KRP15,
SMR+14, WYL15, BKM+12, CK09, FLS13,
KQ12, LWSL12, SAZ10, SC12, VMS10,
WLJ12]. Estimation-Based [KRP15].
Estimator [WZZ+21]. Euclidean
[CLS12, KA13]. evaluation
[HBC+09, KA13, LPR09, LCH+09,
OCDP13, RBD13, SCWC13]. Event
[ES12, IPMGL18, SDBT19, WJZ21,
ZHC17, KPK12]. Event-Triggered
[SDBT19]. events [YYM+10]. Every
[HCL15]. Everywhere [Kal10]. Evolution
[CQDW21, KKR15, PCR13]. Execution
[MDM+20]. Exercise [MNLZ18].
Exergames [COP+16]. Exit [JYB+21].
experience [EML+09]. Experiences
[BASM16, CPP+17, LGLN19, OBB+13].


Frequency-Based [LWCJ14]. ftTRACK [LMP14]. Full [SCL+19, WC13]. Full-view [WC13].


GINSENG [OBB+13]. Go [GCAK17, SYOY12]. goals [HRM09].


GreenLocs [NZLH15]. Grid [VTE18, WWZ+21, RR09]. grid-group [RR09]. Grids [KKP18]. Group
Group-based [LND08], grouping [RKJ09].
Guarantee [SCL+], Guaranteed [WS14], guaranteeing [CLX09], guarantees [WWLX13].

H [CRZ+], H-DrunkWalk [CRZ+], handover [ELYR14], Handovers [JYB+].
Harmonium [PKC+]. Harvesting [AMAT+], BASM16, FBAG20, HSSS17, JZL+9, ZZZ+20, ZYW21, CCC+21, MDM+20, MGS+15. Hazards [PDP+].
HDACS [XAKV1], healing [PMST].
Health [BCW14], Heart [CLX].
Heartbeat [KAH+]. Heat [SZX].
Heterogeneity [ZZZ+20, Amm].
Heterogeneous [CRZ+20, LWY+21, LFW+19, SGB15, SWYW21, TYGW15, BCL+12, GRE+07, LP06, LPR09, LSW06, RKJ09].
Heterogeneous-device [SWYW].
Hidden [MCGZ, LCC+]. Hierarchical [SZZ1, XAKV, IV, LDZ].
High [CTW+15, KKP18, MNLZ18, PDP+17, PCPK14, RKRP17, WJD16, YSK+15, ACG+13, GBS08].
High-End [YSK+15]. High-Fidelity [CTW+15]. high-frequency [ACG+13].
High-Level [PDP+17]. High-Mobility [MNLZ18].
High-Rate [PCPK1].
Histograms [CG18].
Hoc [CSZ1, CS18, DVCV16, CVY09, DRC06, KPK12, LYG+13, NJS05, PR10, SZ19, SS13].
Holistic [DG+21, LCC+17]. Home [HPS+18, LL21, LSW14]. homogeneous [MPS10].
Hop [DG16, GTL19, NEKK12, ZSZN07].
hop-by-hop [ZSZN07]. hop-count-based [NEKK12]. Hopping [TNBG1, WZL21].
Human [Hau14, LL21, YXFL17, ZHJ+20, YSM08].
human-centric [YSM08]. Human-related [ZHJ+20]. humans [GNJC+14]. hUmidity [WWB+19]. HVAC [ABC+18].
Hybrid [AKSM15, ZLYW19, ES12, HBC+09, PFJ13]. hypothesis [AAA].

IdealVolting [KBW]. Identification [CRY+10, HPS+18, HSL+15, KGBS18, NZLH15, WLW+20, ZHJ+20]. Identifying [CJL+20]. iDiary [FSR]. IEEE
[Amm, NC10, PKG08].
implementation [GAI+06, LCH+09, TBL]. Implementing [MWS]. Improve [KSR+20]. Improved [RS19, SS13, FKMS].
 improvement [ZJJ]. Improving [KCPC13, LN05, MDC1]. In-Air [XYG+19]. In-Bed [AJH+20]. In-Network [BJR15, ELR08, KB13].
In-situ [WLY12, WLY15]. Incentive [LL20, RDP16, YCM+9, Z2].
Incidents [MB17]. Incremental [PPM15, PBM].
Indexing [LLX+14, HZGS05]. Indoor [LZZ+15, LFW+21, NZLH15, NLH+19, PKC+18, TAT14, TGG+17, TGG+19, WMT+19, XCT+16, XDM+21].
Indoor-Outdoor [TGG].
Inference [JYB+21, SUZ]. Inferring [SZ17]. Information [CDGC12, HL+11, RGB+17, RFS+19, BKS13, BG09, KVI+13, MS09, ORRJ12, SSGM10, Su07].
information-seeking [KV].
Information-theoretic [CDGC12].
informative [KGG]. Infrastructure [CNMS19, WW08]. initialization [LYG+13]. initiated [DDHC+12]. injection [ZSZN07].
insertion [XWDN]. Inspired [HL].
instantiation [ZC1]. Insulation [SZ].
Integrated [XW+05, HKL+06].
LWG09, LG09, LN09, NEKK12, NJ05,
PG09, TJJ+13, WX08, XBUW13, XRS10,
YJWL13, ZLGG10, ZGT11]. Localized
[LSW06, MS12, PR10]. Localizing
[CT19, SCG+15, ZYY+19, ST12]. Locating
[GPL+12]. Location [PZ0Z21, Sch15,
TAT14, TYGW15, GSL10, SSGM10].

Location-Free [Sch15]. Locations
[LSW14, KGGK11]. logical [CA06]. Long
[Pha16, XDX+14, VHC+09, ZGHZ12].
Long-Range [Pha16]. Long-Term
[XDX+14, VHC+09, ZGHZ12]. longitudinal
[KPS12]. LoRa [LGLI19, LDGG21]. Loss
[MB16, CK13]. Lossless [LL16]. Lossy
[HSD16, KPCB20, LL16, ZMVR14, ZSKH08].

Low [BYD+15, BLGS19, CT19, CML+21,
DRW+14, DRC17, GLS+14, GJNC+14,
HSD16, KPCB20, LFL+19, LCH+20, MB09,
ME21, RKRPI7, RH520, SDBT19, TAT14,
WZLM21, WS14, XWW+20, XCC+15,
CHY+13, CRY+10, DDC+12, IV12,
LM10a, LM10b, MDC+09, ODCP13, PH10,
SDTL10, ZK07]. low-bandwidth

[CHN+13]. Low-complexity
[GJNC+14, MB09]. Low-Cost
[CML+21, LFL+19, TAT14, ODCP13].

Low-Duty-Cycle [XCC+15]. Low-Latency
[BYD+15]. Low-level [CT19, CRY+10].

Low-Power [BLGS19, DRW+14, DRC17,
HSD16, KPCB20, XWW+20, ME21, RH520,
WZLM21, DDC+12, IV12, ODCP13, PH10,
SDTL10, ZK07]. Low-Precision [RKRPI7].

Low-Stretch-Guaranteed [WS14]. Lower
[KPRH14]. LR [LED20]. LR-WPANs
[LED20]. LT [JJ15].

MAC
[DBD+16, DDHC+12, GCRB12, HF17,
LM10a, LM10b, LPV+09, LFS09, LHX16,
NGBB14, QM13, RDR07, SC15, YH13].

Machine [HCL15, ZSZ20],

Machine-to-Machine [HCL15],

macroscopic [KLC13]. Maintaining
[LYR+16]. Maintenance

[CMH+18, HBW+18, SB16, TBL07].

Malicious [ARWK19, WWZ+21].

Management
[ECPC14, KOD+14, LCH+19a, SBCF20,
TAT14, ZLYW19, ZHJ+20, ZLYG13,
LYG+13, NDM+13, WECC07]. Managing
[PCR13, SHY13]. Manipulation [SBCF20].

Map [LSW14]. Mapping
[LCC+13, EML+09]. Markov [KPC13].

Massive [BY19]. Matrices [YB17]. MAV
[CRZ+20]. Max [YLM14, YSM08].

Max-Min [YLM14]. maximized [YLM13].

Maximizing [ZGX+16, IR12]. Maximum
[RKRPI7, SCL+14, WKA14, NP12]. MC
[XDX+14]. MCRT [WWFX11]. MDF
[Den09]. Measure [LJLW19, IR12].

Measurement [BNN+20, DKL+15,
GCAK17, LGTL19, WWL15].

Measurements [SUZK19, YJYL13].

Measuring [CLX09]. Mechanism
[YCL+19, ZS11]. Mechanisms
[BIST18, LLZ+20, RDP16, SZX17, ZSJ06].

medical [NDM+13]. medium [Gel07].

meeting [LJLM09]. Memento [JJ15].

Mesh [YVC+19]. Method
[GYNY16, AAA06, XRS10]. Methods
[AA06, AAA06, XRS10]. Methods
[ZZZ+20, CDR08, KPK+07, SGG10].

metric [DRC06]. Metrics [RFB+14, SS13].

mouse [GJN06]. micro [JC12]. micro-solar
[JC12]. Middleware [YZ+19]. Milestones
[YCC+19]. Millimeter [BY19, YPZ+17].

MIMO [BY19, NK14]. Min [YYM14]. mine
[LL09]. Minimal [CS10]. Minimalistic
[CPP+17]. Minimum [CCC+21, WWXY13,
XLZ+07, XCC+15, DJ10, FKMS06, Kal10].

Mining [WWZ+21, KLA+14]. Miscontrol
[PTD+16]. Missing [WLN+20]. mission
[EBMP12, RJL+10]. mission-oriented
[EBMP12]. Mitigating [NLD08].

Mitigation [CD21, MSAJ18]. Mixed
[Lam15]. Mixing [KKRR15]. mobicast
[HLR05]. Mobile

[AHK16, CGB+19, CSH17, DRC17, DDA11,
JYB+21, KCE+20, Kon18, LXR+16,
Multichannel [MZW, YWD, YWW09, HBC, YPZ].

Model [MZW+19, CSA06, EML+09, FLFW13, KKP+07, KNSM14, KAS+10, LCC+13, RMB+10, SZZC08, WRS+10, WLZ13].

Mobility [Hau14, MNLZ18, NGBB14, ZWWZ20, Amm13].

Model-derived [KA13, MS09, TP07, ZCLJ14]. ZWWZ20, DIE14, Gel07, KT11, KLC13, KA13, MS09, TP07, ZCLJ14.

Model [MZW+19, RBS16, YXG+19, ZWWZ20, DIE14, Gel07, KT11, KLC13, KA13, MS09, TP07, ZCLJ14].

Monitoring [CWY+17, BWCW14, COS19, CPX+20, CML+21, DD11, DML+16, NZM21, PK19, SZG+15, TPM+17, WTX+16, XDX+14, YPZ+17, ZHCA17, ACG+13, DFM+12, GSW09, HBC+09, IBS+10, LL09, OBB+13, YYY+10].

Moisture [WWL15, WLW12].

Modes [KJP+15, RMB+10].

Modelling [KSR+20].

Models [DD11, WZZ+21, ZHKS06, Bra07, KCPC13, NEK12, SG08, JTS09].

Modern [IHGS15].

Motifs [dLM14].

Motion [AJH+20].

Motivating [LLZ+20].

Movement [ZHJ+20, WIF+11].

moving [WC09, WC12].

Mules [SG11, KVI+13, SG10].

Multi [GTL19, RSK+21, SZ19, WZZ+21, XZL+20, YWD+21, MCT14].

Multi-camera [MCT14].

Multi-Hop [GTL19].

Multi-node [YWD+21].

Multi-scale [RSK+21].

Multi-Sensor [SZ19].

Multi-task [WZZ+21]. Multi-Tier [XZL+20].

Multicast [LFW+19].

Multichannel [WWFX11, WLS+16, GCRB12].

Multichannels [MDC17].

Multicluster [LCH+19a].

multidimensional [CPH06].

multigroup [HM07b].

multihop [ADF12, Gel07, KW09, PDMJ10, VMS10, Den09].

Multihop/Direct [Den09].

Multilevel [LZAH+15, KCPC13].

multimedia [DIE14].

Multimode [XDX+14].

multiobjective [WC12].

Multipath [HSD16, SYH13, YH13].

Multiple [BWCW14, BQB+11, KJP+15, LRX+16, MCW+16, SHWW20, SKM+11, EGG13, PFJ13].

Multiple-Target [SKM+11].

multiquery [ZKS10].

Multiresolution [SZG11]. mutiroot [ZKS10].

Multisensor [KCE+20].

Multiswimmer [COP+16].

Multitask [HBKP14].

Muscle [MNLZ18].

MyoVibe [MNLZ18].

Nanosensor [ZHCA17].

Natural [LTY18].

Navigation [CRZ+20, LR05, TGG+17, TGG+19, XMD+21, KAS+10].

Near [JKK08, LKA10, SB16].

Near-lifetime-optimal [LKA10].

Near-Optimal [SB16, JKK08].

Necessary [WKYH17].

Neighbor [ZHL+15].

Neighborhood [JM16].

Neighbour [HSD16].

Neighbour-Disjoint [HSD16].

nest [KAH+10].

Net [KKP18].

Net-Load [KKP18].

Network [BJR15, BH21, BASM16, BQB+11, CS17, DRC17, EA15, JTE20, KOD+14, KAA13, KK15, KJP+15, LCH+19a, LZAH+15, LFL+19, MPRS16, PHKK17, Sch15, TPM+17, VPB+20, VDV16, WKYH17, WB17, WZZ+21, WHST16, XFX+21, BLWX06, LNG12, CK09, CSA06, CRY+10, CLS12, DEM+12, ELR08, EGG13, ES12, GAJ+06, HKL+06, HBC+09, HTW07, HR13, IBS+10, KBD13, KT11, KVI+13, KAS09, KNSM14, LP08, LPV+09, LCH+09, MCT14, NJS05, NRC+09, NP12, ORRJ12, TLRE13, TBL07, WZL08, ZLGG10, ZG09, ZGT11, ZGH12].

Network-Level [VDV16].

Networked [DCBL15, GM14, MGS+15, MKK+13, ZCLJ14].

Networking [CBSA18, CKHP19, Jackets].

NetworkedMultiHop.
CQDW21, LCM21, ZMVR14. **Networks**

[AMTH+17, AMAT+18, AKSM15, Amm16, AH14, AHK16, BYD+15, BGM15, BAP+17, BNPR20, BIMD19, BLS19, BSI15, BR15, CBSA18, CCC+21, CS18, DDB+16, DML+16, EA15, EY14, GLS+14, GCA17, GTC19, GZZ+14, HF17, HML17, HSW21, HBKP14, Hau14, HSD16, HCL15, IPMG18, JJ15, JM16, KYM17, KPRH14, KLC+16, KPCB20, KKKR15, KRP15, Lam15, LMP14, LCH+19a, LLL14, LL16, LCC+17, LHZZ20, LXR+16, LZAH+15, LMZ+16, LWM+21, LWCJ14, LHX16, LCH+19b, LZN19, LWF+19, LCH+20, MCZ22, MB16, MSB17, MSAJ18, NGBB14, NK15, NK14, PK19, PPM15, PDP+17, PTDD16, PS17, PSB+14, PCPK14, RFB+14, RB16, RHD17, RRS20, RD16, SSL+19, SBCF20, SZG11, SCL+14, SB16, SCL+19, SXD+15, SGB15, SG11, SZG+15, TJKL14, TCN+17, TNBG18, TYYG15, TDD+19, VPB+20, VRS15, VDV16, WWFX11].

**Networks**

[WPL+16, WB17, WYH+19, WXL+19, WZLM21, WS14, WBS14, WLS+16, XDX+14, XCC+15, XXH16, XZL+20, YM14, YTB+14, YB17, ZHCA17, ZLW+15, ZHZ+16, ZZL21, ZYW21, ZLGL19, ZLGL20, Amm13, AD12, BKM+12, BCL+12, BKS13, BHA+13, Bra07, BG09, CJS11, CA06, CDGC12, CGVC06, CYS+10, CCMT09, CC11, CSLW12, CNMH08, CLH+13, CHN+13, CRW07, CV09, CRD08, CGD12, CK13, CPH06, CCJ08, DLD09, Den09, DRC06, DD09, DABNR10, DIE14, ERL08, ENPNF13, ELYR14, EMBP12, FLJ+13, FTO6, FLFW13, GCRB12, GSW09, GBS08, GSL10, GRE+07, GFJ+13, GNDC08, HZGS05, HM07a, HWT+11, HFC+10, HY07, HBLR05, HLTC06, HMO7b, HCXT09, IW14, IR12, IV12, JKK08, JC12, JHU+13, JLYG13, JP06, JKS+10, JRO09, Kal10, KBD14, KXTZ09, KKP+07, KC14, KQ12, KQ14, KKK08, KPK12, KLJ12, KAA13, KLA+14, KRJ09, KSM13, KPB+08, KW09, KAR+14]. **Networks** [KMS+10, KA13, LDH06, LP05, LP06, LP09, LG09, LKA10, LR05, LSW06, LL09, LDZ13, LGY+13, LWSL12, LS10, LH09, LCC10, LN05, LWH+06, LND08, LFS09, MZWT10, MB09, MWS08, MS09, MPS10, MDC+09, MP10, MS12, MPC+10, MAG13, NGS08, NEKK12, NLD08, NC10, ODC13, PDM10, PG10, PGG+10, PM11, PEFSV13, PG09, PC10, PKG08, PR10, PMST12, PCR13, PA05, PH10, QM13, RBLP09, RKW+06, RBD13, RJL+10, RR09, SYL09, SZ10, SGG13, SSM08, SPK+10, SCWC13, SH09, SPK14, ST12, SS13, STH08, SY012, SZAZ08, SD10, Su07, SG08, SG10, SC12, SEAZ13, TP07, TJZ+13, TXC+13, TXY+13, TJWK13, TMAP14, TYD+07, VMS10, VG10, VAC13, WECC07, WEI11, WL14, WZL07, WZL08, WDLN09, WBS10, WLD10, WRS10, WC13, WXL13, WWXY13, XBWW13, XWZ+05, XLZ+07, XWDN12, XTZ08, XRH+13, YSJC13]. **Networks** [YS07, YVS07, ZSKH08, ZH05, ZKS10, ZZJX10, ZZJZ10, ZVPS10, ZHKS06, ZDG09, ZSJ06, ZSN07, ZDW+10]. **Neural Networks** [BNPR20, LHZZ20]. **Node**

[ARWK19, CWY+15, CFP+17, CS18, MB16, YSK+15, CV09, CPH06, DLD09, JTS09, LK09, PX13, YWD+21]. **Nodes** [GZZ+14, KBW16, MCGZ21, HR13, MPS10, SSC+10].

**Noisy** [YJWL13]. **Non**

[BT18, CS18, DHS16, KNSM14]. **Non-Bayesian** [BT18]. **Non-Convex**

[CS18]. **Non-Cooperative** [DSH16].

**non-overlapping** [KNSM14]. **nonhomogeneous** [M RM09]. **Nonlinear**

[MZW+19, LK09]. **Nonlinearities** [P P15, LWSL12], **nonuniform** [KC14].

**Novel** [YLSZ19, CGD12].

**Object** [EGG13, HPS+18, LJJL19, ABM06, KAD09]. **Objectives** [BWCW14].
Possible [TCB+14, ZLGG10]. Post [SZ19].
Post-hoc [SZ19]. posteriori [NP12].
potential [XRH+13]. Power
[BLGS19, CKHP19, DRW+14, DRC17,
GCB06, HSD16, JZX+20, KLC+16,
KPCB20, KR18, LDC+19, LMZ+16,
LCH+20, MGS+19, SSL+19, TPM+17,
XWW+20, YSK+15, CSA06, DDHC+12,
IV12, JC12, KT11, LCC10, MDC+09, ME21,
ODCP13, PH10, RRS20, SSC+10, SDL10,
WWXY13, WZLM21, XLZ+07, ZK07].
Power-aware [LCC10]. Power-Based
[KLC+16, YSK+15]. Power-efficient
[GCBL06]. Power-Positive [CKHP19].
Powerful [YMY14, ZHCA17, ZLZ21].
Powerline [LTY18]. PPG [CLX+21].
Practical
[CLSW12, SMR+14, ZSZ20, JC12]. Practice
[ZWWZ20, KXTZ09]. Pre [WBS14].
Pre-Forwarding [WBS14]. Precision
[RKRP17]. Prediction
[AH18, BJ15, ECPC14, HSGW21,
JAC19, KSR+20, LC14b, AAA06, ELR08,
ES12, LC14a, SYOY12]. Prediction-based
[HSGW21]. predictive [SPK14].
Predistribution [HM07b, LN05, LND08,
MPS10, RR09, TP07]. Preprocess
[LLZ+20]. Presence
[GM14, YRB+17, EGG13]. Preserving
[HLS+11, MJS+19, SJH+18, SXD+15,
CC11, HLTCC06, LHX+21, WWZ+21].
Prevalence [SGG10]. Prevention [MSB17].
Price [ZZ21]. Primitive [SC15]. Principal
[AH14]. prioritized [DIE14]. Privacy
[HLS+11, LHX+21, SJH+18, WWZ+21,
CYS+10, CC11, KXTZ09, PX13].
Privacy-Preserving [HLS+11, MJS+19,
SJH+18, LHX+21, WWZ+21, CC11].
Privilege [SZC08]. probability [SGM08].
Probability-based [SGM08]. Probing
[NK15]. Problem [GYNY16, WZL07].
Problems [CRW07]. processes [ORR12].
Processing
[VPB+20, ORRJ12, SPK+10, ZKS10].
Processor [FC18]. Profit [CGB+19].
Programming [SG08, BLWY06, IR12].
Progressively [DVS+14]. projection
[LK09]. propagation [WL14]. properties
[MZWT10]. Property [ILYG13, GPL+12].
Proportional [YYM+10].
Proportional-share [YYM+10]. Prospect
[SBCF20]. Protect [CKHP19]. protection
[WZL07]. Protocol
[HF17, KPRH14, LHX16, WS14, XJR+17,
YLSZ19, ZZ20, GFJ+13, HCXT09, LFS09,
PDMJ10, PG10, PF13, ZCLJ14].
Protocols
[MDC17, ME21, NGBB14, HLTC06, HTW07,
LM10a, LM10b, LPV+09, LR05, YH13].
Prototyping [MGS+15, LJY+10].
provably [CCMT09]. Provenance [WB17].
providing [LHRM09]. Provisioning
[SGB15]. Proximty
[LJW+21, SKM+11, SMM09]. public
[MWS08, WDLN09]. public-key [MWS08].
Publishing [SJJH+18]. Pulse [PKC+18].
Purposeful [Amm13]. Pushing [LCH+20].
PV [KKP18].
QA [MCLM20]. QA-Share [MCLM20].
QoE [LDG+21]. QoE-aware [LDG+21].
QoS
[MCLM20, Pha16, RHD17, RD16, XZL+20].
QoS-Aware [MCLM20, XZL+20]. Quality
[AMTH+17, CPX+20, CML+17, DLX+15,
LC14b, MKM+20, RGB+17, RFS+19,
SGB15, YYM+10, YCL+19, BKM+12,
BKS13, CLX09, LHRM09, LC14a, MCT14].
Quality-aware [MKM+20].
Quality-of-Service [SGB15].
Quality-Oriented [YCL+19].
Quantitative [WZLM21]. Quantization
[SC12]. quasi [NCV10]. quasi-equally
[NCV10]. Quee [LDG+21]. Query
[CYS+10, FC18, VPB+20].
Radar [RSK+21]. Radiation
[LTY18, LDC+19]. radii [ZDG09]. Radio
[BKM$^{+12}$, KAR$^{+14}$, MGS$^{+19}$, WHYC19, GPL$^{+12}$, JCC$^{+13}$, ODPC13, XTZ08, ZHKS06]. Radio-based [WHYC19].
radioactive [Cry$^{+10}$]. Radios [PHHK17].

Radius [BGMP15, BCL$^{+12}$]. radon
[JLYG13]. Random [JZL$^{+19}$, KKRR15, YB17, CGD12, CudVY13, Gel07, HY07, NEKK12, NZR10, ZW05]. randomly
[LWSL12]. Range [Cwy$^{+15}$, Pha16, WHST16, ZLW$^{+15}$, PR10].

Range-Extending [Cwy$^{+15}$].
Range-Free [WHST16, ZLW$^{+15}$]. Ranges
[FLS$^{+14}$]. Ranging
[CP20, JCC$^{+13}$, Mkk$^{+13}$]. Rapid
[DLG$^{+21}$, LJY$^{+10}$]. RappTEx [LJY$^{+10}$].
Rate [CLX$^{+21}$, JZL$^{+19}$, PCPK14, YM14, LM10a, LM10b, LWH$^{+06}$, PG10].
Rate-controlled [PG10]. RCRT [PG10].

Reach [Cwy$^{+15}$]. Reactive
[CD21, SDC10]. Real [DRC17, GKRW17, KPCB20, LJW$^{+21}$, ORRJ12, WWFX11, WHYC19, XRH$^{+13}$, ZJX10, LWH$^{+06}$, SGG10, SHY13, WWXY13]. Real-Time
[DRC17, WWFX11, LJW$^{+21}$, ORRJ12, XRH$^{+13}$, ZJX10, LWH$^{+06}$, WWXY13].

Real-World [GKRW17, SGG10]. Realistic
[HSSS17, SAK$^{+19}$]. Receiver
[HF17, DDHC$^{+12}$]. receiver-initiated
[DDHC$^{+12}$]. Receiver-Synchronized
[HF17]. Rechargeable
[LXR$^{+16}$, SGG$^{+15}$, JKK08]. Recognition
[LHX$^{+21}$, WHYC19, YXG$^{+19}$, SSGM10, YsS10]. Reconfigurable
[SML18, TLRE13]. Reconfiguration
[HKG$^{+19}$, KLP$^{+07}$, SGB15].
reconstruction [NCV10]. Recovery
[PKC$^{+18}$, PX13]. redistribution
[TJWK13]. Reducing
[WXL$^{+19}$].

Redundancy [CGVC06, LS10]. reference
[ABM06]. refined [DVS$^{+14}$]. Reflection
[EY14]. Regions [SMR$^{+14}$]. Regulations
[Pha16]. Regulator [HSL$^{+15}$].

Reinforcement
[FBAG20, LWL$^{+21}$, LWX$^{+21}$]. rekeying
[CLSW12]. Related [RFB$^{+14}$, ZHJ$^{+20}$].
Relay [DGS16, GCAC17, NK15].
Relay-Assisted [DGS16]. Reliability
[KYM17, KBD13]. Reliable
[DGC17, KLC$^{+16}$, KBW16, LED20, MP10, PH10, XWW$^{+20}$, GFJ$^{+13}$, KAAF13, KAR$^{+14}$, PG10, IPK20]. Relocatable
[DCBL15]. Relocation [WHST16]. Remote
[YSK$^{+15}$]. Repeatable [HSSS17]. replication [CuDvY13]. report [FLFW13].

Representations [SZG11]. reproduction
[HR13]. reprogramming
[KPB$^{+08}$, KW09, MP10, TLRE13].

Reputation [GBS08]. Reputation-based
[GBS08]. Research
[AMTH$^{+17}$, RDP16, RGB$^{+17}$]. Reservoirs
[DXL$^{+15}$]. Residential [TPM$^{+17}$].
Residual [XFZ$^{+21}$]. Resilience
[IPMGL18, JTE20]. Resilient
[HSGW21, KMS$^{+10}$, SC15, VRSR15].

Resource [HBKP14, HCL15, NLH$^{+19}$, RS19, VPB$^{+20}$, NDM$^{+13}$].

Resource-constrained [RS19].

Resource-efficient [NLH$^{+19}$]. Response
[MSB17]. Results [ENPFN13, PG09].

Reuse [BT18]. Review
[AMAT$^{+18}$, KOD$^{+14}$]. REWIMO
[DRC17]. RF
[KAS$^{+10}$, SMR$^{+14}$, SCL$^{+19}$, ZHJ$^{+20}$].

RF-AMOC [ZHI$^{+20}$]. RF-based
[SCL$^{+19}$]. RFID [WLW$^{+20}$, ZHJ$^{+20}$].

RF Sense [SMR$^{+14}$]. rigid [LZGG10]. RLC
[WLW$^{+21}$]. RNNs [RSK$^{+21}$]. Road
[DSA$^{+20}$, SMR$^{+14}$, SMR$^{+14}$].

Road-RFSense [SMR$^{+14}$]. Robin [SC15].

Robots [LFNS14, TAT14, WTX$^{+16}$].

Robust
[CQDW21, KGGK11, LFL$^{+19}$, MGS$^{+19}$, PPM15, PKC$^{+18}$, PG09, XBWFX13, DABN10, GFJ$^{+13}$, NGSA08, LP05]. robustness [CKL$^{+09}$]. Room
[ABC$^{+18}$, AAHS18]. rooms [YPW$^{+13}$].

Round [SC15]. Route [IPK20]. Routing
[ARWK19, GLS$^{+14}$, KPCB20, KPJP15, KJP$^{+15}$].
Safety [BSI+15]. sales [HBW+18].
Sampling
[BNG12, WVL15, ZGX+16, ACG+13, GSW09, KRJ09, LS10, LWH+06, WLD10].
sampling-interpolation [LS10]. SARA [BCL+12]. Satellite [LDGG21]. SateLoc [LDGG21]. Saturation [PPM15]. Saving [JYB+21, YXFL17, SGM08]. Scalable [AAHS18, CA06, WWL+16, WZZ+21, WCV+18, GCRB12, GJC+14]. Scale [BTR+18, LXR+16, TJI1K14, VRS15, WS14, ZHZ+16, ZZX+20, CDR08, HBLR05, HMO75, KSMH13, KPR08, LWG09, LGTL19, MCGZ12, MB09, PCR13, PH10, RSK+21, TJI1Z+13, ZSJ06, WPCP20].
Scaling [LFW+19, CPH06]. SCANet [LHZZ20]. Schedules [PSB+14].
Scheduling
[AH20, BGY+15, CCC+21, KYM17, LED20, MZG+19, TYGW15, WVL15, YWW+21, ZGX+16, ZGL15, ZGL20, CNHM08, FS13, LDZ13, SG10, TYD+07, YMM+10].
Scheme [LHX+21, YXFL17, CLSW12, KLI12, KT11, RR09, WDLN09]. Schemes [AH14, ZMVR14, CDG12, LCC10]. SDCN [LCM21]. SDP [GYNY16]. search [YSM08].
Searchable [FSSR15]. Secret
[PCPK14, XJR+17]. Secure [DABNR10, HM07b, KKRR15, LYG+13, PTDD16, VTY18, WRYL11, ZSS20, CCMT09].
Securing [SDX+20]. Security
[MS09, MSB17, PDP+17, CC11, CKL+09, VG10, ZSJ06]. seed [TP07]. seeking [KVI+13]. segmentation [YYS10].
[BMD19, HSGW21, HSL+15, LWW+21, LZN19, LJJL19, LCW21, MJS+19, PK20, RDP16, SMR+14, SML18, SUZ19, SDBT19, WVL15, XAVK15, YSK+15, YCL+19, ZZ21, EML+09, KPS12, NDM+13, PDMJ10, SPK14, WKA14, WLM12, ZCL14].
Sensing-Based [SMR+14]. sensitive [KASD09, WJZ21]. Sensor
[AMTH+17, AMAT+18, AKSM15, AMM16, AH14, AHK16, AAHS18, BYD+15, BGMP15, BCL+12, BAP+17, BIMD19, BASM16, BWCW14, BSI+15, BR15, BQB+11, COS19, CWW+15, CTW+15, CPP+17, CCC+21, CML+21, CLS12, DPB19, DDA11, DBOD+16, DML+16, DXL+15, EA15, EY14, GLS+14, GTL19, GZZ+14, H17, HPS+18, HML17, HSGW21, HBKP14, IPML18, JJ15, JLM16, JTS09, KPRH14, KOD+14, KKR15, KK15, KBW16, KRP15, Lam15, LMP14, LLX+14, LLL14, LLL6, LCC+17, LHZ20, LXR+16, LZAH+15, LMZ+16, LWM+21, LHX16, LZN19, LFW+19, MCGZ21, MB16, MSB17, MPR16, MNLZ18, MCW+16, NGBB14, NK15, NK14, NRC+09, NP12, PK19, PPM15, PHK17, PDP+17, PTDD16, PX13, PSB+14, PCPK14, RFB+14, RBS16, RHS20, RD16, RKL+10, SSL+19, SZG11, SZ19, SCL+14, SGG10, SB16].
SCL^{19}, SXD^{15}, SGB15, SG11, SZG^{15}, TJLK14, TPM^{17}, TNBG18, TYGW15].

**Sensor** [TCB^{14}, VPB^{20}, VRSR15, WX08, WRYL11, WWFX11, WPL^{16}, WB17, WS14, WBS14, WLS^{16}, WHST16, XDX^{14}, XCC^{15}, XXHL6, YM14, YB17, ZIW^{15}, ZWY21, ZGT11, ZGL19, ZLGL20, ZMVRI14, Amm13, AAA06, ADF12, BKM^{12}, BKS13, BLWY06, BHA^{13}, BNG12, BGJ09, CJS11, CA06, CDGC12, CGVC06, CYS^{10}, CCMT09, CK09, CSA06, CC11, CLSW12, CNMH08, CLH^{13}, CHN^{13}, CRW07, CRY^{10}, CDR08, CGD12, CK13, CPH06, CCJ08, DLD09, Den09, DD09, Dji10, DABNR10, DIE14, DEM^{12}, ELR08, EFI^{10}, EG13, ENPNF13, EMBP12, FLJ^{13}, FS13, FLFW13, GCRB12, GSW09, GBS08, GCBL06, GSL10, GRE^{*07}, GFJ^{13}, GAJ^{06}, GND08, HZGS05, HKL^{06}, HMT0a, HWT^{11}, HBC^{09}, HTC^{10}, HY07, HBR05, HLT06, HTV07, HMTb, HCXT09, HR13, IR12, IBS^{10}, JKK08, JC12, JHU^*13, JLYG13, JP06, JSBN^{12}, JR08, JK5^{10}, JR0H09, Ka10, KBD13, KBD14, KXTZ09, KKP^{07}].

**sensor** [KC14, KQ12, KQ14, KKK08, KPK12, KLJ12, KT11, KAAF13, KLA^{14}, KR09, KVI^{13}, KSM13, KPB^08, KGGK11, KASD09, KW09, KAS^{10}, KAR^{14}, KMS^{10}, KA13, LP08, LCC^{13}, LDH06, LPV^{09}, LP05, LP06, LPR09, LWG09, LKA10, LR05, LSW06, LL09, LDZ13, LWSL12, LS10, LH09, LCC10, LN05, LWH^{06}, LND08, LFS09, LCH^{09}, MZW10, MB09, MWS08, MRM09, MS09, MPS10, MDC^{09}, MP10, MSL2, MKK^{13}, MPC^{10}, MAG13, NSGA08, NEKK12, NJ05, NZR10, NLD08, NC10, NCV10, ODCP13, ORRJ12, PDMJ10, PG10, PGG^{10}, PBM11, PEFSV13, PG09, PC10, PKG08, PMST12, PCR13, PA05, PH10, QM13, RBLP09, RKW^{06}, RBD13, RR09, SYL09, SAZ10, SZG13, SSG10, SSC^{10}, SGM08, SPK^{10}, SCWC13, SH09, SST08, SYOY12, SZZC08, SDČ10, Su07, SG08, SG10, SC12, SEZA13, TP07, TLMRE13, TJZ^{13}, TXC^{13}, TXY^{*13}. **sensor** [TJWK13, TBL07, TXY^{10}, VMS10, VG10, VAC13, WECC07, WEIC11, WLZ07, WLZ08, WDLN09, WBS10, WDL10, WRS10, WIF^{11}, WC13, WWLX13, WLZ13, WWXY13, XLW12, XFWX13, XZW^{05}, XLZ^{07}, XWDN12, XTZ08, XRH^{13}, YH13, YSZC13, YYM^{10}, YS07, YVS07, ZSKH08, ZH05, ZKS10, ZLLG10, ZJX10, ZJZ12, ZVPS10, ZHKS06, ZDG09, ZS06, ZSIN07, ZSG09, ZDW^{10}].

**sensor-actuator** [GRE^{07}]. **Sensor-Based** [MLNZ18, LHZZ20]. **Sensor-DC** [RJL^{10}]. **SensorFly** [CPP^{17}]. **Sensorless** [ZHCA17]. **Sensornets** [HG15].

**Sensors** [FLS^{14}, FBAG20, KCE^{20}, LFNS14, LXY^{21}, LSW14, Pha16, RKRP17, SCG^{15}, SKM^{11}, ZLYW19, Br07, CLX09, DVS^{14}, KC14, KAH^{10}, RKJ09, SMMS09, WC09, WC12, ZW05, ZBA07].

**SensorScope** [IBS^{10}]. **Sensory** [LCM21]. **Separation** [BNN^{20}]. **sequence** [KBD14].

**sequence-based** [KBD14]. **Series** [AAHS18, LLX^{14}]. **SeRLoc** [LP05].

**Service** [LZZ^{15}, SGB15, TGG^{17}, TGG^{19}, TXZ^{19}, ZH05, ZAS09].

**Services** [FM15]. **Sets** [SCL^{19}]. **SGF** [HCXT09]. **Shape** [KGBS18, LWG09]. **share** [YMY^{10}, MCLM20]. **Shared** [CT19, Pha16, VPB^{20}, XJR^{17}]. **Sharing** [HBW^{18}, MCLM20, ZGX^{16}, ZKS10, ZGHZ12]. **shift** [KAS^{10}]. **shift-based** [KAS^{10}]. **shift-term** [WDLN09]. **Shortest** [SCL^{14}]. **ShortPK** [WDLN09]. **SHuffling** [TDD^{19}]. **Sifting** [YJWL13]. **Sign** [YPZ^{17}]. **Signal** [JAC19, KCL^{09}, NC10, SPK^{10}].

**Signals** [CLX^{21}, FSSR15]. **signature** [CLSW12]. **Silence** [YSK^{15}]. **Similarity** [LJW^{21}]. **Simple** [LSW14, FKMS06].

**simulation** [KCPC13]. **Simulators**

Sleep-Wake [NK15]. sleeping [HY07, YH13]. Slotted [TNBG18]. Smart [CHSA18, HPS+18, HBW+18, KCE+20, KYM17, KKP18, LL21, LSW14, NZM21, PK20, SBSD18, WWZ+21, XFX+21, YXFL17, CHN+13, ELYR14, ST12, TMAP14, WL14]. Smartphone [BNN+20, CPX+20, XDM+21, HSL+15, PKHK17, WTX+16]. Smartphone-Based [BNN+20, XDM+21, HSL+15, WTX+16]. Smartphones [BNPR20, SMZ+17].


Supporting [KJP+15]. Surface [CK13, EY14, WJD16]. Surface-level [CK13]. Surface-Reflection-Based [EY14].

Surveillance [TYGW15, GAJ+06, HKL+06, VHC+09]. Survey [CML+21, DLA11, LHD06, LWM+21, RHD17, RDP16, RGB+17, YYC+19, BKM+12, RBD13, SG08]. Survivability [TYGW15]. Survivability-Heterogeneous [TYGW15]. Sustainability [KYM17]. sustainable [DEM+12, ZYW21]. Swarm [CRZ+20].

Switching [BT18]. Symbols [BY19]. sync [YVS07]. Synchronization [BDO14, JTE20, SZ19, VTY18, VDV16].
XXHL16, CLS12, SSC+10, YVS07.
Synchronized [HF17]. Synchronous [LHX16, MDC17]. Synopsis [NGSA08].
System [AJH+20, BR15, CPX+20, CTW+15, DLG+21, HKG+19, JLZL19, KCE+20, KGBS18, LL21, MSB17, NZM21, SMR+14, TXY+13, WLW+20, WCV+18, WJ21, XCT+16, XWW+20, ZGH+21, ACG+13, DABNR10, EML+09, HKL+06, LNv+05, OBB+13, ODCP13].
System-level [TXY+13]. Systems [BY19, DCBL15, GKRW17, HWS+20, JZL+19, KOD+14, MIJ+19, RFS+19, SJH+18, SBSD18, SZG+15, SDBT19, YSK+15, ZZZ+20, LJY+10, NZR10, NDM+13].
Tag [WLW+20, ZHZ+20]. Tags [MGS+15].
Target [LMP14, SAH+19, SMMS09, SKM+11, Bra07, LPR09, MS12, WBS10, WRS10, YLL13, ZDW+10]. Targets [WPL+16, KQ12, WC09, WC12]. TARS [HF17]. TAS [LHX16]. TAS-MAC [LHX16]. Task [MDM+20, MKM+20, PZOZ21, WZZ+21].
Their [LSW14]. Theoretic [CPL+20, SBCF20, CDGC12, VAC13]. Theory [DBOD+16, NEKK12, ZWWZ20, ABM13, CCJ08, DLD09, JC12, ZBA07, KXTZ09, PG09]. Thermal [FS13, YPW+13]. Thermal-aware [FS13].
Things [CQDW21, MGS+19, ZLYW19, ZDS+21]. Three [Amn16]. Three-Dimensional [Amn16]. threshold [ZDW+10]. throughput [FT06]. Tier [XZL+20]. Tiered [WHST16, PGG+10]. Tight [YVS07]. Time [ABC+18, AAHS18, DRC17, GM14, LLX+14, Pha16, PSB+14, SCG+15, TNBG18, WWFX11, WLW+20, WJZ21, XXHL16, Gel07, HZGS05, LJJ+21, LIW12, LWH+06, NC10, ORR12, RS19, VMS10, WWXY13, XRH+13, YVS07, ZJX10].
Time-Critical [PSB+14]. Time-efficient [WLW+20]. Time-sensitive [WJ21].
Timestamps [LTY18], timing [TXC+13], Tiny [YVS07], Tiny-sync [YVS07].
TinyLink [DLG+21]. toad [HBC+09].
TOC [SCG+15]. Tolerant [LMP14, COS19]. tolerating [GPL+12, SZZC08].
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topologies [NCV10]. Topology [CQDW21, KPCB20, LFL+19, RFB+14, LSW06].
Topology-Related [RFB+14].
Touchscreen [CJL+20], trace [YSL08].
tracing [SEZA13], trackability [CCJ08].
Tracking [BQB+11, GKRW17, LMP14, SKM+11, WPL+16, WCV+18, YXYLF07, ZYJ+19, BHA+13, EGG13, GJNC+14, GPL+12, KASD09, KAS+10, MS12, SMM09, TMAP14, TTBH14, WBS10].
Trade [FLFW13, ZZX+20, WRS10]. Trade-off [FLFW13, WRS10]. Traffic [BTR+18, DSA+20, HFL+17, HSL+15, IIPK20, LH16, SMR+14, SYOY12, WECC07].
Traffic-Adaptive [HF17, LH1X16]. Trail [KASD09]. Transfer [BASM16, LDC+19, SZX17, SMZ+17, GCRB12]. Transferable
[AAHS18]. Transmission
[KLC+16, KPCB20, LMZ+16, LCH+20, MDC17, MGS+19, WXL+19, GCBL06, PR10, WWXY13]. Transmission-Based [MDC17]. Transmit [KR18], transport [HR13, PG10], transportation [RMB+10]. trap [CLH+13], travel [Gel07], Tree [JJ15, SB16, AH20, GFJ+13, JKS+10]. Trees [CHSA18, SCL+14]. Trends [AMTH17]. triangle [YJWL13]. Triggered [SDBT19]. Tropical [LWL+21]. Troubleshooting [KLA+14]. Trust [RBS16, SBCF20, LYG+18, LDGG21, LZN+19, MDC17, PHKK17, PCPK14, RKRP17, RMB+10, SZX17, SMZ+17, SZG+15, TPM+17, TAT14, WTX+16, WB17, WHYC19, WKL+15, XAKV15, YPY+17, YB17, ZGH+21, BNPR20, CHSA18, CVY+10, DLD09, EGG13, FLJ+13, HR13, JYB+21, KPCP13, KLA+14, KVI+13, KNSM14, LCC+13, LK09, LFS09, LC14a, MS12, ORRJ12, RR09, SZG13, SPK14, SYOY12, WKL+14, XRS10, ZBA07, ZGT11, KAH+10]. Utility [EMBP12, SJH+18, PDMJ10]. Utility-based [EMBP12, PDMJ10]. Utilization [VPB+20]. Utilizing [QM13].


WildSENSING [DEM+12]. will [SYOY12]. Wind [DXL+15]. Wireless [AMTH+17, AMAT+18, AKSM15, Amm16, AH14, BYD+15, BGMP15, BDO14, BAP+17, BIMD19, BASM16, BLGS19, BSI+15, CBSA18, CKHP19, CWY+15, DPB19, DRW+14, DRC17, DDA11, DSH16, DGS16, DML+16, EA15, GLS+14, GCAK17, GTL19, GZZ+14, HBKP14, HCL15, IPMGL18, JM16, KOD+14, KKRR15, KK15, KBW16, KR15, LL16, LCC+17, LDC+19, LZAH+15, LNZ+16, IWM+21, LWJC14, LHX16, LFL+19, LF+19, LCH+20, MCGZ+21, MB16, MSB17, MPR16, MASA18, NGBB14, NK15, NK14, PPM15, PDP+17, PTDD16, Pha16, PSB+14, PCPK14, RFB+14, RBS16, SSL+19, SCL+14, SCG+15, SDX+15, SGB15, SZG+15, SDBT19, TCN+17, TPM+17, TNB18, WWFX11, WPL+16, WYKH17, WZLM21, WS14, WBS14, WLS+16, WHST16, XDX+14, XXHL16, YM14, YTB+14, YB17, ZHCA17, ZLW+15, ZZZ+20, ZLZ21, ZWY21, ZLGL19, ZLGL20, ADF12, BKM+12, BHA+13, BNG12, CJS11, CA06, CDGC12, CY+10, CCMT09, CC11]. wireless [CLSW12, CNMH08, CLX09, CLH+13, CVY09, CGD12, DLD09, Den09, DD09, DABNR10, DIE14, DDHC+12, ENPNF13, EMBP12, FLJ+13, FT06, GF+13, HM07a, HWT+11, HTPC10, HLTC06, HTW07, HCXT09, HR13, IV12, JHU+13, JLYG13, KBD14, KXTZ09, KPC13, KC14, KPK12, KLJ12, KLA+14, KRJ09, KSMH13, LDH06, LPV+09, LP05, LPR09, LKA10, LSW06, LL09, LDZ13, LYG+13, LCC10, LHW+06, LND08, LFS09, MZWT10, MPS10, MS12, MKK+13, MPC+10, NZR10, NLD08, NC10, OBB+13, ODCP13, PDMJ10, PG10, PEFS13, PKG08, PMST12, PCR13, QM13, RBLP09, RBD13, RJL+10, RO09, SYL09, SAZ10, SZG13, SSGM10, SPK+10, SCWC13, SH09, SPK14, SZZC08, SDTL10, Su07, SEZA13, TP07, TXC+13, TXY+13, TBL07, VAC13, WZL07, WLD10, WWLX13, XBWX13, XLZ+07, XTZ08, XRX+13, YS07, YVS07, ZK07, ZSKH08, ZXJ10, ZJZ12, ZCLJ14, ZHKS06, ZDW+10].


Writing [YXG+19]. WSN [JAC19]. WSNs [AMAT+18, ABM13, AH20, ARWK19, KLC13, WVL+16, WJD16, XAKV15, YLSZ19, ZGX+16]. Wyner [DVS+14].

Y-Networks [JJ15].


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Kamthe:2013:IWL


Khalil:2018:SPI


Krause:2011:RSP

Ko:2015:DRS


Knox:2015:WFI


Karenos:2008:CBC


Kansal:2007:RMM


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