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Title word cross-reference

16 [NMR+84]. 2 [KKLS83, SCWB84]. *k* [RWJ86]. *L* [San81a]. *M* [Kav84, Yue80b, Kav85a]. μ [GAB+80, HFE85, LTT+83, RCS86, SB80, TZD+83]. μm^2 [NMR+84]. *N* [Sal80].

-ary [Kav84, Yue80b]. **-Asymptotically** [San81a]. **-means** [RWJ86]. **-quadrature** [Kav85a]. **-Way** [Sal80].

1 [BMD84, Dos83, Fle84, Fre82, GLM82, Jag82a, Jag85b, PR86, SJ85, WC85]. **1.2-** [LTT+83]. **1.3-** [HFE85, TZD+83]. **1.38-** [SB80]. **1.5-** [LTT+83]. **1/1A** [GLM82]. **10-Year** [LBP80]. **100-GHz** [Sem85]. **105D** [Lie82]. **10A** [ACSW82, AFS82, AFHS82, BDL82b, BDL+83, BNS82, JKT82, KMM82, NS82]. **12-GHz** [Aca81b]. **16-ary** [Pra80]. **16-QAM** [FPQ+84]. **1982/83** [CCD+84, HLL+84]. **1A** [BHS82, BKV82, CS82, GKW82, GLM82, Nus82, Wor82]. **1B** [ADRW83, AM80, BW83a, BDV83, CHTW83, CS83, DVW83, DM83, GKS83, HHS83a, SC83].

2 [CR82]. **20-Mb** [Wan83]. **20-Mb/s** [Wan83]. **200-Hz** [WCS81]. **255** [McN80].

30-MHz [WCS81]. **32-kb** [BBDS86]. **32-kb/s** [BBDS86]. **370** [FMM84]. **3B20** [EC83]. **3B20D** [BS83a, BW83b, EC83, GCD83, HP83a, HPW83, HK83, KAM83, KM83, KBF83, MBD⁺83, QEG83, RBH83, RW83, Sca83, TG83, YMNW83].

4-GHz [Wan83]. **4-Wire** [WPG87]. **47A** [Lon80]. **48-Bit** [Rob82].

56-kb [DGH⁺82]. **56-kb/s** [DGH⁺82]. **5ESS** [BHK⁺85, CCG⁺85, CP86, DFOS85, DHK89, FGNS85, HLRW85, HPS86, MMTV84].

630 [BM87].

75 [AK88, BBB⁺85].

800 [BBM87, CMN84]. **800-MHz** [CMN83, CMN84].

9.6-kb [CCJS82]. **9.6-kb/s** [CCJS82]. **90-Mb** [FPQ⁺84]. **90-Mb/s** [FPQ⁺84]. **96** [AS84a, BH84a, BBB⁺84, Can81, COW82, LOS84, MMTV84, MSO84].

Abbreviating [SAT83]. **Abbreviations** [Ano81a, Ano81b, Ano82f, Ano82a, Ano82b, Ano82c, Ano82d, Ano82e, Ano83a, Ano83b, Ano83c, Ano83d, Ano83e]. **ability** [Wil85]. **above** [Ber84]. **Absenteeism** [Var81]. **absorption** [SCWB84]. **abstraction** [Str84]. **accelerated** [JLN⁺85]. **Access** [ANSW82, Hey82, LDGF82, Pfe80, WA88, WPG87, Yue80a, BCW86, DS84, Kam89b, Kam89a]. **accuracy** [You84]. **Accurate** [LMM81]. **Achieving** [Pet86, CC88]. **Acoustic** [Fla80, MF82, SBD82]. **Acquisition** [BGGW83, HLL⁺84]. **Acronyms** [Ano81a, Ano81b, Ano82f, Ano82a, Ano82b, Ano82c, Ano82d, Ano82e, Ano83a, Ano83b, Ano83c, Ano83d, Ano83e]. **Active** [AFPP82, Tow83]. **activities**

[MM85]. **Activity** [Smi83]. **Adaptive** [BJM⁺81, FPQ⁺84, Feu83, GL81, GMW82, JC80, Jay81a, LM81b, Mue81a, Pha82, Pir82, SS83, SA81b, SB83, GY85, RJ84]. **Added** [GNS⁺81]. **Adding** [IST⁺83]. **Address** [Ein80, Rei81]. **Addressable** [Roo82]. **Adjacent** [Yue80b]. **Adjustment** [Mue81b]. **Administration** [BDL⁺82a, CF88, Nea80, ST82, WH82, YMNW83, FGNS85]. **Administrative** [BM82b, HSS82]. **admission** [RS85b]. **Admittance** [WCS81]. **ADPCM** [BBDS86, Jay81a, Jay83, RJ84]. **Advances** [Li87]. **Affecting** [Rab82]. **after** [Log84d, Log84b, Log84c]. **age** [Ber84]. **aging** [JLN⁺85]. **Aided** [MS81]. **Aids** [War80]. **Airline** [LS80c]. **AKM** [SS86]. **AI** [DJ80]. **Algebraic** [Lee83, Yoo85]. **Algorithm** [GMW82, Hen81, IG82, MR83, MS82, Mor82, Str83, Sze82, Aga89, LF84, Tur85, WRM84]. **Algorithms** [GM87, Hon83, Kar83, Mue81a, Mue81b, MR81, NS85, Rab82, San80, San81b, HHL89, KLSW89]. **Allocation** [Elk80, GL80, SA81a, CV85]. **Almost** [SA85]. **Almost-periodic** [SA85]. **altering** [Fos85]. **Alternative** [Sun83a]. **Alternatives** [Koo80, FW88]. **America** [ACL88]. **American** [Rei85]. **Amplifier** [BCHR83, HHS83b, LFG82, Tow83]. **Amplifiers** [SS83, Min84]. **Amplitude** [Aca81a, Kar83, Log83a, SW80, Kav85a]. **Amplitude-Equalizing** [Kar83]. **amplitude-modulated** [Kav85a]. **Analog** [CT83, CBB⁺87, Fla80, JCMQ83, LM81b, CCD⁺84]. **Analog/Digital** [LM81b]. **Analysis** [Aca81a, AK88, BH84b, BB87, BS83b, BS83c, CP83a, CB81, Dos85, FH88, FH80, FLGD83, GH82, Gre85, Hey82, Hey83, HTB83, Hon84, JCV80, JCV83, Kum83, Kur80, Lon80, MR83, Maz80, Mor80a, MY83, RWA81, RD82, Sal82, WM83, Yum80, BC85, Ben84, BGGN⁺86, Fle84, Fre86, Lo87, MS84, WM88]. **Analysis/simulation** [Gre85]. **Analytical**

- [Ram88, Sha85]. **Analyzer**
 [Whi83b, Whi83c]. **Analyzing**
 [Gri83, RM82]. **Angle** [TA82, Sil84].
Announcement [ABC⁺81, FKSW81].
Announcements [RB82]. **Answers** [ND81].
Antenna [But81, Sem80, Sem83a, Sem83b,
 Sha85, Sil84]. **Antennas** [Dra81a]. **Anti**
 [Mea80]. **Anti-Sidetone** [Mea80].
Antireflection [Cla83, Eis84]. **Aperture**
 [JC80, Kum80]. **Application**
 [ALS80, BGK⁺86, Elk80, LRS83, MZ82,
 RLS83, Rub82, Str83, WC85, Yum80, CK88,
 Jag85a, JLR⁺86, Leu86, Lo87, Rab84,
 RWT84, RSL84, Sha85]. **Applications**
 [AT&T86, Bod81, BO85, DKW88, Dut89,
 EH82, HTB83, Hol83, LBHB83, MBD⁺83,
 MS82, NS87, Nuc81, RCS86, RS88, Var81,
 BLT89, Hin87, PR86, SCS85, SP89].
Applied [Han83, Koh83]. **Approach**
 [AKH87, HG81, RW81, Eck85, SRJR87,
 YG85, Yoo85]. **approaches** [MZCW84].
Approximate
 [Coy82, Jag82a, Kum83, Fle84, San85b].
Approximation
 [Fre80b, GC81, Lee82, Yue80b].
Approximations [Fre80a, Fre82, KW84,
 Whi84b, Whi84c, Whi84a]. **AR6A**
 [ADG⁺83, BCHR83, BMM⁺83, DRS83,
 FS83a, GMMR83, GK83, HP83b, HHS83b,
 HCH⁺83, KP83, Mar83]. **arbitrary**
 [GGV84]. **architectural** [CCG⁺85].
Architecture
 [AFS82, BKP88, BDE⁺81, CS82, GLM82,
 GKS83, KAM83, Mar82, NS82, Roc86, ST82,
 TG83, WH82, BBD⁺89, BBB⁺85, BCH⁺86,
 Cam87, Far89, LFLB85, NS86, PR86].
architectures [Jon88]. **Area**
 [LF82, SKP84, Ran84]. **Arranged** [Ben81a].
Arrays [DG80]. **ARSB** [GH82].
Articulatory [MF82]. **artificial** [BH88].
ary [Kav84, Pra80, Yue80b]. **aspects**
 [Pet84]. **ASPEN** [HLL⁺84]. **ASQIC**
 [BBM87]. **Assembler** [Sem81]. **Assemblies**
 [BB87]. **assembly** [Str88]. **Assignment**
 [Ein80, FH80, MZ82, Str83, BH84b, LF84].
Assignments [SA81a]. **Assistance**
 [ALS80, RRW80]. **assistant** [Kow88].
Assisted [BJW88]. **astigmatic** [Sem85].
astronomical [Row84b]. **Asymptotic**
 [BS83c, MMR81, MM82]. **Asymptotically**
 [San81a]. **AT&T**
 [AT&T86, AAJ⁺86, BKP88, Cal88, CHL⁺89,
 CKP88, Eck86, EEF⁺86, Far89, Fow86,
 God86, HHL89, NS86, SKP84, Sur86].
AT&Tt [Bul87]. **Atmospheric** [KFS83].
Attenuation [LBP80, CMN84]. **Audio**
 [MDSL82]. **auditing** [KC88]. **Authors**
 [Ano80k, Ano80l, Ano80m, Ano80n, Ano80o,
 Ano80p, Ano80q, Ano80r, Ano80s, Ano80t,
 Ano81o, Ano81p, Ano81q, Ano81r, Ano81s,
 Ano81t, Ano81u, Ano81v, Ano81w, Ano81x,
 Ano82v, Ano82w, Ano82x, Ano82y, Ano82z,
 Ano82-27, Ano82-28, Ano82-29, Ano82-30,
 Ano82-31, Ano83s, Ano83t, Ano83u, Ano83v,
 Ano83w, Ano83x, Ano83y, Ano83z,
 Ano83-27, Ano83-28]. **Automated**
 [BR82a, BBOV82, BM82b, CHW82, DRT82,
 EGKS81, FV82, GH82, GB82, Hol82, LZ82,
 Mar82, Ove82, Ray88, RD82, Rub82, SB82,
 Uhr82]. **Automatic**
 [ALS80, Hol83, Lec80, LRS83].
automatically [Wil85]. **Automating**
 [Pul88]. **automation** [Cam87, Kow88].
Avalanche [SF82]. **Average**
 [LMOS83, SSW80]. **Avoidance** [Alb83].
B.S.T.J.
 [Aha80, Ben80, FD82, Hen81, JCMS82,
 JC80, Lec80, PLR82, SB80, TA82, Wit80].
balancing [HJ88]. **Band**
 [EY81, Cro81, Wer85]. **Band-Limiting**
 [EY81]. **Bandpass** [Tow83]. **Bandwidth**
 [CMSP81, EH82, JCMS82, Log83a, Log85,
 SA81b, LL88]. **Bandwidth-Conserving**
 [Log83a]. **Bandwidth-error** [Log85]. **Bank**
 [AFPP82, AFHK82, ANSW82, AGS82,
 BM82a, CL82, COW82, CGG⁺82, DRM83,
 DGH⁺82, GLMS82, LOS84, Row84a, ACL88].

Base[BDL⁺82a, FV82, MBD⁺83, ST82, Gla84].**Baseband** [Kav85a]. **Based**[BR82b, DRM83, JCMQ83, Jay83, KBG⁺88, Lec80, LS80b, RWA81, Ves88, Yav82, AO85, BTOA84, DeT84, Jay87, LL88, RS85b, Tol84].**Bases** [MY83]. **Basic** [WPG87]. **Basics**[Bra88]. **basilar** [SA85]. **Batch**[Hal83, Whi83a]. **be** [Cox81, San81a]. **Beam**[Kum80, Pan89]. **Behavior** [Dra81b,

KKLS83, Lin80, Lin81, Liu80, Nuc81].

Behavioral [Ano83n, Ano83q, Ano83o,

Ano83p, CHM83, CK83, DK83, Ega83,

Eig83, Fla83, Fra83, FLGD83, Gin83, Han83,

Hol83, JB83, KRS83, Koh83, Loe83, Mac83,

Pau83, Ros83, SAT83, Sum83]. **behaviour**[Ack84]. **Bell**

[Aho82, Ano80k, Ano80l, Ano80m, Ano80n,

Ano80o, Ano80p, Ano80q, Ano80r, Ano80s,

Ano80t, Ano81o, Ano81p, Ano81q, Ano81r,

Ano81s, Ano81t, Ano81u, Ano81v, Ano81w,

Ano81x, Ano82v, Ano82w, Ano82x, Ano82y,

Ano82z, Ano82-27, Ano82-28, Ano82-29,

Ano82-30, Ano82-31, Ano83s, Ano83t,

Ano83u, Ano83v, Ano83w, Ano83x, Ano83y,

Ano83z, Ano83-27, Ano83-28, Bat84, Ber84,

Gig80, Han83, Hol83, Rei85, SBD82]. **BER**[Gla84]. **Between** [CK83, Inf80]. **Biased**[FT83]. **biases** [CW85]. **Biasing** [SW83].**Bidirectional** [MDSL82]. **Billing** [LW83].**Binary** [WW81, Col88, Fos84, Maz85].**Biphase** [LFG82]. **Biquad** [Tow83].**birefringence** [SS84]. **Birth** [Nuc81].**Birth-Death** [Nuc81]. **Bit**[GS83a, KSB88, Rob82]. **Blit** [Car84, Pik84].**Block** [Aha80, Chu80b]. **Blocking**

[Ben81a, Bur82, DH82, Fre80b, GGV84,

KRS82, Nea80, Whi85, BH84b, Whi84a].

board [AAB⁺86]. **Bombarded** [HHG83].**Bombardment** [DJ80]. **both** [WRM84].**boundaries** [Tho87]. **Bounds**[AS83, CMS83, Tur85]. **Breakdown**[Wit80]. **Breaking** [SV81]. **Bridge**[WCS81]. **Brief** [Han83]. **Briefs**

[Aha80, Ben80, FD82, Hen81, JCMS82,

JC80, Lec80, PLR82, SB80, TA82, Wit80].

Broadband [CE83, DL84, HB85].**Broadcast** [EHS83]. **Broadcast-Quality**[EHS83]. **Bubble**[NWB⁺80, RB82, Wyn81, NMR⁺84].**buckling** [Len85]. **buffer** [Ack84]. **Build**[EP84]. **Building** [And88, Gri83, CK88].**Buildings** [CMN83, Wal83]. **Bulk**[CEGM89]. **bumps** [Ray88]. **Bundle**[Gri82]. **Bureau**

[BR82a, BBOV82, BM82b, CHW82, DRT82,

FV82, GH82, GB82, Hol82, LZ82, Mar82,

Ove82, RD82, Rub82, SB82, Uhr82]. **Buried**[FLRT81, Ung80]. **Bursts** [JS82]. **Bursty**[BS83c]. **Bus** [SA81a]. **Bus-Allocation**[SA81a]. **buses** [DeT84]. **business**[GE87, Rei85]. **Busy** [ARW80, Yum80].**Busy-Period** [Yum80]. **BX.25** [Kur85].**C**

[Car84, CDK88, FF88, Rei81, Ros84b, Str84].

Cabinets [Coy82]. **Cable**

[BM82b, FLRT81, GPP87, Gri82, Noe81,

Ung80, CC85, HFE85]. **Cables** [Chu83].**Calculation**

[Blu80b, Len83, PCPF81, KD84].

calculations [BH84c, Jag84, Min84].**California** [ACL88]. **Call**[BS88, Liu80, BBM87]. **Calling**[BBP⁺82, CRT82, EY82, Wor82]. **Calls**[Inf80, Tor81]. **Canceler**[DC80, Fan81, Wer85]. **Cancelers**[Sal83, CW85]. **Cancellation**[GL81, Gre85, Kav85a, KS85]. **Capabilities**[GLM82, FGNS85, HLRW85]. **Capability**[FKSW81, HSS82, SW82]. **Capacitated**[MS82]. **Capacitor** [LFG82]. **Capacity**

[Aca80, CS83, Dat80, HG81, Nuc81, Rai81,

Wit84]. **Card** [BBP⁺82, CRT82, EY82].**Carolina** [Car80]. **Carrier** [BKL⁺82, DR81,

GK83, Hey82, KLRS81, AS84a, BH84a,

BBB⁺84, LOS84, MMTV84, MSO84].**Carrier-Sense** [Hey82]. **Carrying** [Rai81].

Case [Wit81, Pha86, Row84b]. **Casper** [BS88]. **Cassegrainian** [Dra81a]. **Cathodoluminescence** [CTM81]. **CATV** [HB85]. **Caused** [CC80, Oga81, Gla84]. **CCIS** [DFS82, FM82]. **CCITT** [Gad81, GN83, JN81]. **CD** [DeT84, Max82]. **Cell** [Sun83a, NMR⁺84]. **Cells** [Blu80b]. **Cellular** [Sun83b, Wal83]. **Center** [BDV83, GM87, GGV84, SMNV89]. **Center-Tap** [GM87]. **Centering** [Eic80]. **Central** [GFGB83, RBH83, Ros83, War80]. **certifiable** [Sha88]. **certification** [Eck85]. **CEST** [FF88]. **Chains** [Maz82, Jua85]. **Change** [Aha82a]. **Changes** [CB83]. **Channel** [AFPP82, AFHK82, ANSW82, AGS82, BM82a, CDH81, CL82, COW82, CGG⁺82, DH82, DGH⁺82, Fan81, GLMS82, GS83a, GC80, Jay81b, MDSL82, OOB83, Rum82, Wit81, Kar86, KM85, Log85, LOS84, OW84, Row84a, Tay84, Wer85]. **channel-bank** [Row84a]. **Channels** [FS83b, Jay81b, Oza80, AS84b, Kav84, Kav85a, KS85, RWRH85, Sal85b, SSW84, SWS84a, SWS84b]. **Characteristics** [Ano83n, BDL⁺82a, BBP⁺82, But81, CMLF80, Inf80, RCS86, Tay84]. **Characterization** [CDH81, DR81, EGKS81, Hef80, KLR81, Pre81, CCD⁺84]. **Characterize** [Chu83]. **Cheap** [Wei84]. **Check** [Fan81]. **Chip** [DC80, WPG87, AO85, GOP87, Rai84]. **Chirp** [EH81]. **Chromatic** [LTT⁺83]. **CIMA** [BCH⁺86]. **Circuit** [AFS82, AM80, CB83, NS82, PKSG83, Smi83, WA88, BN84, Kum88]. **Circuits** [Aha82a, Alb83, BBF81b, GLMS82, Wes81, AB89, Col88, MZCW84]. **Circulators** [Kne80]. **Clad** [JCMS82]. **Cladding** [GNS⁺81, AG84]. **Class** [Aha82a, Fre82, Hef80, Hef82, MMR81, Mea80, Sal80]. **Cleveland** [Car80]. **Click** [Log84a]. **clipping** [Log84d, Log84b, Log84c]. **Clock** [MRW81]. **clocked** [Ack85, Dos85]. **Closed** [MMR81, MM82, Whi84d]. **coated** [KD84, Len85]. **Coating** [SF81]. **Coatings** [Cla83, Eic80, Eis84]. **Code** [AFPP82, BJM⁺81, CB83, GS83b, Joh81, Rei81, SV81, CS85]. **Code-Breaking** [SV81]. **Coded** [Ein80, NB82]. **Coder** [CCJS82, Pir82, Jua84b]. **Coders** [Cox81, RN82]. **Codes** [Aha80, CMS83, JN81]. **Coding** [Aha80, BJM⁺81, Cro81, GN83, GS83a, JC80, Jay83, JSC83, NR80, Oza80, SNR80, WW81, WWZ80, WWKZ84, BBDS86, Gha84, Kav85b, KM85]. **coefficient** [KD84]. **Coefficients** [RSL83]. **Coherent** [Sal85a, Sun82, Maz85]. **Collapsing** [CB81]. **Collision** [Alb83]. **Collision-Avoidance** [Alb83]. **Color** [Has81]. **Colorization** [PC82]. **combinatorial** [LF84]. **Combined** [GS83a, MF82]. **Combining** [Kar83, RSL84, YG85]. **Come** [SA81a]. **Command** [RW84, SAT83]. **commercial** [BN88]. **Commitment** [Dat80]. **Common** [Fan81]. **Common-Channel** [Fan81]. **Communication** [Aca80, GAB⁺80, HTB83, MDSL82, Str83, KM85, Maz85]. **Communications** [FS83b, LS80b, LF82, MBJ81, SF82, BBB⁺85, Col88, Kar86, Kav85b, Sal85a]. **Companded** [EH82, SSW84, SWS84b]. **Companding** [Log83b]. **Company** [Pfe83]. **Comparative** [MR81, Pre81]. **Comparing** [Whi83a]. **Comparison** [Cox81, DJ80, LM81a, Pau83, PCP80, Sch83b, DeT84]. **Comparisons** [DH82, Min84]. **Compatible** [GN83, Rze83]. **Compensated** [NR80, RN82]. **Compensation** [SNR80]. **Compiling** [Rei81]. **Completion** [Liu80]. **Complex** [BB87, Dra81a, NS82]. **Complexity** [Ben83, KM85]. **component** [Dec88]. **Components** [BR82a, Lin81, SY82]. **Compound** [DSMBB89, CEGM89]. **Compressed** [EY81]. **Compression** [EY81, EH81, EH82, EH83b, EHS83]. **Computation** [Sal80, Ack84, Ack85].

Computational [Gri83]. **Computer** [But84, Fre80a, Gri83, LMP82, PW88, SS86, WCS81, Yav82, RS85c]. **Computer-Based** [Yav82]. **Computer-Operated** [WCS81]. **computers** [BGS⁺89, FHR84]. **Computing** [Mey82, Rai84, Gav85]. **COMSTAR** [TA82]. **Concentration** [WW80]. **Concentrator** [Can81]. **Concentricity** [SF81]. **concept** [ABC89, Leu86]. **concepts** [Hei89]. **Conditional** [Gha84, SJ85]. **Conducting** [ABS82]. **Conductivity** [HM80]. **Conductors** [Rai81]. **cones** [SS86]. **Configuration** [CHTW83]. **Configurations** [Sun83a]. **configuring** [Gav85]. **Confinement** [PPC81a, PLR82]. **Conformal** [Dra81a]. **Congestion** [DN88, Fre80b]. **connect** [MS84]. **Connected** [MR81, MRR81, RBW82, Rab84, RWT84, RWJ86]. **Connected-Digit** [RBW82]. **Connected-Word** [MR81]. **Connecting** [Ben81a, Ben83]. **Connection** [CCD⁺84, HLL⁺84]. **connectionist** [Jon88]. **Connections** [CHN80]. **Connector** [Fla83, AFM87, BMD84]. **Conserving** [Log83a]. **Consideration** [CMSP81]. **Considerations** [Oga82, Tow83, Yav82]. **Constrained** [AS83]. **constraints** [GP84, KW84, WRM84]. **construction** [EP84, Lin84]. **constructive** [LF84]. **Consumption** [Gri83]. **Contained** [Jay81b]. **containment** [GP84]. **Content** [Roo82]. **Content-Addressable** [Roo82]. **Context** [Hol82]. **Context-Sensitive** [Hol82]. **Continuing** [Lie82]. **Continuity** [Fan81]. **Continuous** [Kur80, Pau83, Sun82, Sun83b, RJLS85]. **Continuous-Groove** [Pau83]. **Continuous-Phase** [Sun82]. **continuum** [WC85]. **contours** [Rab84, RPS84]. **Contrasting** [Fos84]. **Contributors** [Ano80a, Ano80b, Ano80c, Ano80d, Ano80e, Ano80f, Ano80g, Ano80h, Ano80i, Ano80j, Ano81c, Ano81d, Ano81e, Ano81f, Ano81g, Ano81h, Ano81i, Ano81j, Ano81k, Ano81l, Ano81m, Ano81n, Ano82g, Ano82h, Ano82i, Ano82j, Ano82k, Ano82l, Ano82m, Ano82n, Ano82o, Ano82p, Ano82q, Ano82r, Ano82s, Ano82t, Ano83f, Ano83g, Ano83h, Ano83i, Ano83j, Ano83k, Ano83l]. **Control** [AKK81, BDV83, DHM⁺86, GFGB83, Gri83, JCV83, Kar83, KP83, NS82, PKSG83, QEG83, Ros83, SF81, BBB⁺85, Cam87, DN88, LL88]. **Control-Complex** [NS82]. **Controlled** [AM82, BDL⁺82a, BBP⁺82, CRT82, DFS82, EY82, FM82, GLM82, HSS82, HMSY82, LLS82, RWR80, ST82, SW82, Bro85]. **Controller** [Kar80b, Lec80]. **Convergence** [Maz80, Mue81b]. **Conversant** [PR86]. **Conversational** [LS80c]. **Conversational-Mode** [LS80c]. **Conversion** [Fla80]. **convexity** [Jag85b]. **Convolutional** [Kav85b]. **Coordinates** [Dra81a]. **Copper** [HM80]. **Core** [GNS⁺81, Ung80]. **Core-Shield** [Ung80]. **Cores** [Phi82]. **Corporate** [DKW88]. **Correction** [GS83b, LS80b]. **corrugated** [DL84]. **Cost** [MS82, She88, KS86]. **counting** [Wei84]. **Coupled** [Tow83, Sal85b]. **Coupled-Single-Amplifier-Biquad** [Tow83]. **couplers** [LG84]. **Covariance** [Hef80, Hon83]. **Cover** [Sem80]. **COZY** [WCS81]. **Craft** [BS83a]. **Criteria** [San81a, San85a, SF80]. **Critical** [GL80]. **Cross** [KS85, Gre85, Kav84, Kav85a, MS84, Sal85b]. **cross-connect** [MS84]. **cross-coupled** [Sal85b]. **Cross-polarization** [KS85, Gre85, Kav85a]. **cross-polarized** [Kav84]. **crosscorrelation** [Ben84]. **Crosstalk** [Lin80, Lin81]. **crypt** [RW84]. **Cryptographic** [Hen81]. **Crystal** [JCV83, CEGM89]. **Crystals** [JCV80]. **CSMA** [DeT84, Max82]. **CSMA/CD** [DeT84, Max82]. **Cubic** [Gra83]. **Current** [Blu80b, Dix80, Rai81]. **Current-Carrying** [Rai81]. **Custom** [GLMS82, Wor82]. **Custom-Integrated** [GLMS82]. **Customer**

[CM80, Fre80a, Hal83, Liu80, She88, Whi83a, WR83, Wil85]. **Customer-Viewed** [Fre80a]. **Cutoff** [Tor81]. **Cyclic** [Aha80, WC85]. **Cycling** [GNS⁺81]. **cyclostationary** [Ack84]. **cyclotomic** [HKMP85].

D [SCWB84]. **D4** [AFPP82, AFHK82, ANSW82, AGS82, BM82a, CL82, COW82, CGG⁺82, DGH⁺82, GLMS82]. **Data** [AE83, AMS82, AGS82, BO83, BDL⁺82a, BPRS83, BP83, BC83, BKP88, BGGW83, DKZ80, DKW88, DGH⁺82, EH83a, FV82, FGP⁺83, GL81, GS88, GK88, GFGB83, HKRS83, HM83, Hef80, Hey83, IST⁺83, KBN88, LDGF82, LM81b, Max82, MY83, MS81, Pfe83, ST82, Sch83a, SV81, SKP84, Str84, Wel87, WSX82, Yum80, ACL88, AS84b, BC85, BBM87, But84, CCD⁺84, CW85, DS84, Fos85, FM84, HB85, HLL⁺84, Hon84, Kum88, ML84, Ran84, Row84a, Row84b, Sha88, WM88, Wer85, Yan85]. **Data-Aided** [MS81]. **data-driven** [CW85, Wer85]. **data-flow** [Sha88]. **Data-Handling** [AMS82]. **Data-Transport** [Hey83]. **Database** [Aho82, BBN82, CR82, Coh82, Gog82, Gol82, LDGF82, Lin82, Roc82, Roo82, WH82, Wei82, CDG⁺89]. **Databases** [Lee83, Wei82]. **Dataport** [ANSW82, AGS82, DGH⁺82]. **Datastream** [Swa85]. **Day** [KRS82]. **Day-to-Day** [KRS82]. **DBM** [CR82]. **DBM-2** [CR82]. **Death** [Nuc81]. **Debugging** [Car84]. **Decision** [Maz80, SF80, SWS84a]. **Decision-Directed** [Maz80]. **Decoding** [Tim80, Tim81]. **decomposition** [WC85]. **Decreases** [Bur82]. **Decryption** [Hen81]. **Deep** [DJ80]. **Definition** [Rze83]. **Degradation** [Wit80]. **degradations** [Gla84]. **degrees** [Ber84]. **Delay** [Aha82a, AS83]. **Delays** [Fre80a, Hal83, Whi83a, Ack85]. **Delivery** [GB82]. **Delta** [SA81b, Ste82]. **Demand** [Inf80, IG82, Sze80, Sze82, BH84b, You84]. **Demands** [Ano83q]. **demodulation** [SWS84a]. **Density** [Fla83, Son83]. **Dependent** [WW80]. **Depolarization** [Chu80a]. **depressed** [AG84]. **Derivative** [JCV83]. **Description** [BDL⁺82a, BBP⁺82, DM83, LF82, SBD82]. **Descriptions** [WW81, WWZ80]. **Design** [AFS82, Aha82b, ACL88, AFHK82, AG84, Ano83o, ACM81, BC85, CR82, CS82, DRT82, Dec88, GMMR83, GH82, Gog82, HP83b, HPU81, JKT82, LS80a, LZ82, Lin82, Mac83, NWB⁺80, NS82, PKSG83, Pha86, PK84, ST82, Sem81, Sha88, Tow83, WH82, WA88, Wes81, Wil82, BH84a, BGS⁺89, Eis84, FT87, KS86, Kow88, LFLB85, MZCW84, SMNV89]. **designed** [Log84d, Log84b, Log84c]. **Designer** [BF80, MT80, O'N80, Tho80]. **Designing** [KRS83, Aga89]. **Designs** [Chu80b]. **Detecting** [Ben81b, Fos85]. **Detection** [EH81, Feu81, Gad81, HPW83, JS82, Pra80, Maz85, WRM84]. **Detector** [Wyn81]. **Determination** [CC85, HFE85, SA85]. **Deuterium** [SB80]. **Deuterium-Hydrogen** [SB80]. **Develoment** [GB82]. **Developing** [War80]. **Development** [And83, BGK⁺86, Dix80, Geh81, HHS83a, KC87, KR80, RW83, BHK⁺85, BBW88, KPW85, Pet86, RS86]. **Device** [BJW88, Bod81, Dix80, Dut89, NWB⁺80, DD87, MS89, NMR⁺84, SP89, Sha88]. **Devices** [DSMBB89, DJ80, JDW89, LMM81, AB89, JLN⁺85, KD84, Wit84]. **Diagnostic** [QEG83]. **Diagnostics** [PC82]. **diagrams** [AG84]. **Dialer** [RWR80]. **Dialing** [Liu80]. **Diameter** [GNS⁺81, JCV83]. **Diffeomorphisms** [San80, San81b]. **Difference** [Sch83b]. **Differences** [Ega83]. **Differential** [BJM⁺81, GS83b, GH81, Wyn81, Maz85]. **Differentials** [EH82]. **Difficulty** [CK83]. **Diffusion** [Phi82, WW80]. **Digit** [RBW82]. **Digital** [Aag81, AFPP82, Aha82b, Alb82, AFHK82,

Ang81, ANSW82, AGS82, BBF⁺81a, BM82a, BBF81b, Bod81, BDE⁺81, BJM⁺81, BST81, BGK⁺86, BKL⁺82, BKO81, Can81, CC80, CL82, COW82, Cox81, Cro81, CGG⁺82, DFN81, DGH⁺82, EG81, Els80, Fav81, FYC81, Fla80, FS83b, Gad81, GW81, GAB⁺80, GLMS82, HG81, HMPV81, Kar80b, LM81b, MBJ81, McN80, SS83, Sal83, Sal85b, Sem81, Smi82, Sun83a, Sun83b, Wan83, AS84b, BH84c, Cho86, FPQ⁺84, Fos85, Gla84, Gre85, GY85, KS85, YG85]. **Digital-to-Analog** [Fla80]. **Digitally** [GMW82, CW85]. **Digitizers** [PS81a]. **Digits** [WR83]. **Dijkstra** [Sha81]. **Dimension** [KSM81]. **Dimensional** [But81, WW80, CS85, NS85, Row84b]. **Dimensioning** [Els80]. **Diodes** [KBZ80]. **Direct** [Fla80, FM82, Liu80]. **Direct-Signaling** [FM82]. **Directed** [BK83, Gol82, Maz80, Str88]. **Direction** [San80, San81b]. **directional** [LG84]. **Directions** [Dix80, GS88, AR86, BBW88]. **Directory** [ALS80, RRW80, RWT84]. **Discipline** [Dos83, FS88, Fle84]. **disciplines** [FM84]. **Discrete** [FH80]. **Discrete-Event** [FH80]. **Dislocation** [JCV80]. **Dispersion** [LTT⁺83, Nas81, PLR82, RCS86]. **Dispersion-Shifted** [RCS86]. **Dispersionless** [PPC81a, PPC81b]. **Displacement** [SNR80]. **Displays** [MF82]. **Distance** [ALS80, CMS83, Liu80, RS85a]. **Distortion** [Ben84, Wit81]. **Distributed** [Coh82, LMP82, LMP83, Lin82, Rub82, DS84, Gav85, HJ88, Leu86]. **Distribution** [Fre82, Mey82, PCP80, SY82, SF80, Kli85, RS85c]. **Distributions** [Nea80, Whi84b, Whi84c]. **Dithered** [JN81, Joh81]. **Diversity** [Kar83, Rum82, Sun82, Gla84, GY85, KM85, YG85]. **Dividers** [Sal80]. **DMERT** [BS83a, BW83b, EC83, GKS83, GCD83, HP83a, HPW83, HK83, KAM83, KM83, KBF83, MBD⁺83, QEG83, RBH83, RW83, Sca83, TG83, YMNW83]. **Document** [Ker89]. **Documentation** [GB82, HPU81]. **Documents** [CK83]. **Domain** [Rum80]. **Dominant** [Lin81]. **Doped** [PCPF81]. **Doppler** [LS80b]. **Doppler/Fading** [LS80b]. **Double** [CMLF80, DJ80, JCMS82]. **Double-Clad** [JCMS82]. **Double-Heterostructure** [DJ80]. **Double-Mode** [CMLF80]. **Downlinks** [Aca81b]. **DPCM** [Jay81b, NB82, Pir82]. **DPCM-Coded** [NB82]. **driven** [CW85, Wer85]. **DSP** [CCJS82]. **DSP32** [BGK⁺86]. **DTWP** [BTOA84]. **Dual** [AFPP82, Toy87, Gre85, Len85]. **dual-coated** [Len85]. **dual-polarization** [Gre85]. **dually** [AS84b, KS85]. **Duplex** [CT83]. **During** [JS82, But84]. **Dynamic** [ACM81, AKK81, HJ88, MR81, MRR81, Rab82, BTOA84, Jua84a, Wei84].

EADAS [BGGW83]. **Earth** [Chu80a, LBP80]. **Earth-Satellite** [LBP80]. **Echo** [CHN80, DC80, Fan81, Sal83, CW85, Wer85]. **Economic** [Koo80, Ove82]. **Editing** [Max80]. **Editor** [Ano82u, Ano83r]. **Editors** [BK83]. **Effect** [Fan81, GNS⁺81, LL88, SWS84a]. **Effective** [Jay87, RS86, KS86]. **Effects** [CHN80, CW85, Con80, DRM83, EY81, Hea81, KRS82, Koh83, Kum80, RWA81, TA82, Ung80, Wer85]. **Efficiency** [Pra80, SW81]. **Efficient** [Blu80b, CGH81]. **eight** [CS85]. **eight-state** [CS85]. **EISPACK** [Len83]. **EL2** [KR80]. **Electret** [KR80]. **Electrical** [Pet84]. **Electromagnetic** [Ber82, Blu80a, PPC81a]. **Electromechanical** [BB87]. **Electronic** [BB87, DSMBB89, HJG88, Wil82, MS89, SP89]. **Electronics** [CD80, Coy82]. **Electroplating** [Blu80b]. **Element** [Kne80, Len83, CC88]. **Elementary** [Row82, Pet84]. **Elements** [JB83, NWB⁺80, Smi82]. **Elevation** [TA82].

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Employing [NWB⁺80]. **End** [CHW82, Yav82, CCD⁺84, HLL⁺84].
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Envelope [EH81]. **Environment** [BPRS83, BF80, DKW88, MT80, PK84, Tho80, Wal83, Yue80a, BHK⁺85, DS84, KPW85]. **Epitaxy** [Pan89]. **Equalization** [BMM⁺83, GW81, Kas82, LM81b, MS81, AS84b, GY85, KS85].
equalizaton [FPQ⁺84]. **Equalizer** [GW81, GMW82, Maz80, Mue81b].
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Equilibrium [Kum83]. **Equipment** [DRS83, FS83a, FGP⁺83, GFGB83, Tor81, War80]. **Equivalent** [Kum83]. **Error** [GS83b, Hea81, JS82, Sun82, Log85]. **Errors** [GS83b, SSW84, SWS84a]. **especially** [WC85]. **ESS** [ABC⁺81, BBN82, BDL⁺83, CH81, DG81, FKS81, GLM82, GY83, HMPV81, IST⁺83, LW83, Mar81, MRW81].
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Evaluating [KRS83]. **Evaluation** [CP83a, CS83, KSB88, KK82, Koo80, Ove82, Pha82, RD82, CLMS87, Jua84b]. **Event** [Ben81b, FH80]. **Evolution** [BBOV82, CH81, Fed84, GY83, Lie82, Rit84a, Rog87, Ros84b, Ald86, God86].
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Experience [DG81]. **experiences** [BHK⁺84]. **Experimental** [BT83, CE83, HAK83, JCMS82, KFS83, Max80, NMR⁺84, PKSG83, Sil84, Wan83].
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Extending [Tho87]. **Extension** [JN81].
Extensions [LM81a]. **Extremal** [Maz82, Whi84b].
Fabricated [DJ80]. **Fabrication** [DSM88, PLR82, PKSG83]. **facets** [Eis84]. **Facilities** [Bod81, Str83, Whi85].
Facility [Max80, RWRH85]. **Facsimile** [JN81]. **Factors** [Ano83n, Ano83q, Ano83o, Ano83p, CHM83, CK83, DK83, Ega83, EY82, Eig83, Fla83, Fra83, FLGD83, Gin83, Han83, Hol83, JB83, KRS83, Koh83, LDGF82, Loe83, Mac83, Pau83, Rab82, Ros83, SAT83, Sum83].
Factory [DTV85, Cam87, Pul88]. **Fading** [BMM⁺83, FS83b, GC80, GC81, LS80b, Rum80, Rum82, Sun82, Vig81, Yue80a, AS84b, Kav84, Kav85a, KS85, Log85, RWRH85, SSW84, SWS84a, SWS84b]. **Fail** [Alb82]. **Fail-Safe** [Alb82]. **Fair** [Hen84].
Family [AFPP82, AFHK82, ANSW82, AGS82, BM82a, CL82, COW82, CGG⁺82, DGH⁺82, GLMS82, BMD84]. **Fasnet** [Hey83, LF82, ML84]. **Fast** [Hen81, KBZ80, MR83, Shi82, And88].
faster [Fos84]. **Fault** [CB81, EG81, HPW83, LM81a, LMP83, Wil82]. **Fault-Collapsing** [CB81]. **Fault-Simulation** [LM81a].
Fault-Tolerant [Wil82]. **Feature** [ARW80, KSM81, AO85, DHK89]. **Features** [BK83]. **Feed** [CE83, DL84]. **Feeder** [BKL⁺82, Dat80, Elk80, Koo80, Noe81].
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Fiber [BS83b, CP83a, CP83b, CMSP81, Eic80, GNS⁺81, JPW87, JCMS82, KC87, Kas82, Len83, Oga82, Pau83, PLR82, Phi82, SF81, BBB⁺84, CC85, Len85, TNG88].

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[AT&T86, Aho84, Bac84, BHK⁺84, Fed84, FMM84, FF88, Fra83, FHR84, Gin83, GM84, Ker89, Mac83, Mar84, PK84, RW84, Rit84a, Roc82, Wei82, BS88, Ram88, Ves88].
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Yue:1980:SPA

Yoo:1985:AAN

Yum:1980:MUS

Youssef:1984:AFT

Yue:1980:FHM