

[Top 100 Documents](#)[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)[SUPPORT](#)

Top 100 Documents Accessed: Sept 2005

Display Format: Citation Citation & Abstract

Article Information

- Analysis of multilayer radio frequency microcoils for nuclearmagnetic resonance spectroscopy**
Grant, S.C.; Murphy, L.A.; Magin, R.L.; Friedman, G.
Magnetics, IEEE Transactions on
Volume 37, Issue 4,Part: 2, Date: Jul 2001, Pages: 2989-2998
Digital Object Identifier 10.1109/20.947051
[Abstract](#) | Full Text: [PDF](#) (200 KB)
- Chaos and cryptography: block encryption ciphers based on chaoticmaps**
Jakimoski, G.; Kocarev, L.
Circuits and Systems I: Fundamental Theory and Applications, IEEE Transactions on [see also Circuits and Systems I: Regular Papers, IEEE Transactions on]
Volume 48, Issue 2, Date: Feb 2001, Pages: 163-169
Digital Object Identifier 10.1109/81.904880
[Abstract](#) | Full Text: [PDF](#) (132 KB)
- Broadband wireless access with WiMax/802.16: current performance benchmarks and future potential**
Ghosh, A.; Wolter, D.R.; Andrews, J.G.; Chen, R.
Communications Magazine, IEEE
Volume 43, Issue 2, Date: Feb. 2005, Pages: 129- 136
Digital Object Identifier 10.1109/MCOM.2005.1391513
[Abstract](#) | Full Text: [PDF](#) (526 KB)
- What is Bluetooth?**
McDermott-Wells, P.
Potentials, IEEE
Volume 23, Issue 5, Date: Dec. 2004-Jan. 2005, Pages: 33- 35
Digital Object Identifier 10.1109/MP.2005.1368913
[Abstract](#) | Full Text: [PDF](#) (545 KB)
- IEEE recommended practice for software requirements specifications**
IEEE Std 830-1998
Volume , Issue , Date: 20 Oct 1998, Pages: -
[Abstract](#) | Full Text: [PDF](#) (444 KB)
- Achieving wireless broadband with WiMax**
Vaughan-Nichols, S.J.
Computer
Volume 37, Issue 6, Date: June 2004, Pages: 10- 13
Digital Object Identifier 10.1109/MC.2004.1266286
Full Text: [PDF](#) (336 KB)
- A comparison between V/f control and position-sensorless vectorcontrol for the permanent magnet synchronous motor**

Itoh, J.-I.; Nomura, N.; Ohsawa, H.
Power Conversion Conference, 2002. PCC Osaka 2002. Proceedings of the
Volume 3, Issue , Date: 2002, Pages: 1310-1315 vol.3
Digital Object Identifier 10.1109/PCC.2002.998163

[Abstract](#) | Full Text: [PDF](#) (717 KB)

8. **New "D-state-observer" based sensorless vector control for permanent magnet synchronous motors**

Shinnaka, S.
Industry Applications Conference, 2004. 39th IAS Annual Meeting. Conference Record of the 2004 IEEE
Volume 2, Issue , Date: 3-7 Oct. 2004, Pages: 1000- 1007 vol.2
Digital Object Identifier 10.1109/IAS.2004.1348535

[Abstract](#) | Full Text: [PDF](#) (1774 KB)

9. **A low-voltage low-power sigma-delta modulator for broadband analog-to-digital conversion**

KiYoung Nam; Sang-Min Lee; Su, D.K.; Wooley, B.A.
Solid-State Circuits, IEEE Journal of
Volume 40, Issue 9, Date: Sept. 2005, Pages: 1855- 1864
Digital Object Identifier 10.1109/JSSC.2005.852161

[Abstract](#) | Full Text: [PDF](#) (1016 KB)

10. **A single-chip dual-band direct-conversion IEEE 802.11a/b/g WLAN transceiver in 0.18- μm CMOS**

Pengfei Zhang; Der, L.; Dawei Guo; Sever, I.; Bourdi, T.; Lam, C.; Zolfaghari, A.; Chen, J.; Gambetta, D.; Baohong Cheng; Gowder, S.; Hart, S.; Huynh, L.; Nguyen, T.; Razavi, B.
Solid-State Circuits, IEEE Journal of
Volume 40, Issue 9, Date: Sept. 2005, Pages: 1932- 1939
Digital Object Identifier 10.1109/JSSC.2005.848182

[Abstract](#) | Full Text: [PDF](#) (1368 KB)

11. **A tutorial on hidden Markov models and selected applications inspeech recognition**

Rabiner, L.R.
Proceedings of the IEEE
Volume 77, Issue 2, Date: Feb 1989, Pages: 257-286
Digital Object Identifier 10.1109/5.18626

[Abstract](#) | Full Text: [PDF](#) (2272 KB)

12. **A simple transmit diversity technique for wireless communications**

Alamouti, S.M.
Selected Areas in Communications, IEEE Journal on
Volume 16, Issue 8, Date: Oct 1998, Pages: 1451-1458
Digital Object Identifier 10.1109/49.730453

[Abstract](#) | Full Text: [PDF](#) (224 KB)

13. **A survey on sensor networks**

Akyildiz, I.F.; Weilian Su; Sankarasubramaniam, Y.; Cayirci, E.
Communications Magazine, IEEE
Volume 40, Issue 8, Date: Aug 2002, Pages: 102- 114
Digital Object Identifier 10.1109/MCOM.2002.1024422

[Abstract](#) | Full Text: [PDF](#) (990 KB)

14. **A Mathematical Model for Source Separation of MMG Signals Recorded With a Coupled Microphone-Accelerometer Sensor Pair**

Silva, J.; Chau, T.
Biomedical Engineering, IEEE Transactions on
Volume 52, Issue 9, Date: Sept. 2005, Pages: 1493- 1501
Digital Object Identifier 10.1109/TBME.2005.851531

[Abstract](#) | Full Text: [PDF](#) (528 KB)

15. **The ETSI extended distributed speech recognition (DSR) standards: server-side speech reconstruction**
Ramabadran, T.; Sorin, A.; McLaughlin, M.; Chazan, D.; Pearce, D.; Hoory, R.
Acoustics, Speech, and Signal Processing, 2004. Proceedings. (ICASSP apos;04). IEEE International Conference on
Volume 1, Issue , Date: 17-21 May 2004, Pages: I- 53-6 vol.1
Digital Object Identifier 10.1109/ICASSP.2004.1325920
[Abstract](#) | Full Text: [PDF](#) (249 KB)
16. **Why software fails [software failure]**
Charette, R.N.
Spectrum, IEEE
Volume 42, Issue 9, Date: Sept. 2005, Pages: 42- 49
Digital Object Identifier 10.1109/MSPEC.2005.1502528
[Abstract](#) | Full Text: [PDF](#) (9468 KB)
17. **A road to future broadband wireless access: MIMO-OFDM-Based air interface**
Hongwei Yang
Communications Magazine, IEEE
Volume 43, Issue 1, Date: Jan. 2005, Pages: 53- 60
Digital Object Identifier 10.1109/MCOM.2005.1381875(410) 4
[Abstract](#) | Full Text: [PDF](#) (524 KB)
18. **Who killed the virtual case file? [case management software]**
Goldstein, H.
Spectrum, IEEE
Volume 42, Issue 9, Date: Sept. 2005, Pages: 24- 35
Digital Object Identifier 10.1109/MSPEC.2005.1502526
[Abstract](#) | Full Text: [PDF](#) (11485 KB)
19. **Simulating pathological gait using the enhanced linear inverted pendulum model**
Komura, T.; Nagano, A.; Leung, H.; Shinagawa, Y.
Biomedical Engineering, IEEE Transactions on
Volume 52, Issue 9, Date: Sept. 2005, Pages: 1502- 1513
Digital Object Identifier 10.1109/TBME.2005.851530
[Abstract](#) | Full Text: [PDF](#) (680 KB)
20. **Cellular handset integration - SIP versus SOC**
Krenik, W.; Buss, D.D.; Rickert, P.
Solid-State Circuits, IEEE Journal of
Volume 40, Issue 9, Date: Sept. 2005, Pages: 1839- 1846
Digital Object Identifier 10.1109/JSSC.2005.852158
[Abstract](#) | Full Text: [PDF](#) (968 KB)
21. **IEEE Standard for Local and Metropolitan Area Networks Part 16: Air Interface for Fixed Broadband Wireless Access Systems**

IEEE Std 802.16-2004 (Revision of IEEE Std 802.16-2001)
Volume , Issue , Date: 2004, Pages: 0_1- 857

[Abstract](#) | Full Text: [PDF](#) (6002 KB)
22. **Reflections: Lab for Sale**
Lucky, R.W.
Spectrum, IEEE
Volume 42, Issue 9, Date: Sept. 2005, Pages: 92- 92
Digital Object Identifier 10.1109/MSPEC.2005.1502534
[Abstract](#) | Full Text: [PDF](#) (243 KB)

23. **A broadband low-noise front-end amplifier for ultra wideband in 0.13- μm CMOS**
Gharpurey, R.
Solid-State Circuits, IEEE Journal of
Volume 40, Issue 9, Date: Sept. 2005, Pages: 1983- 1986
Digital Object Identifier 10.1109/JSSC.2005.848174
[Abstract](#) | Full Text: [PDF](#) (400 KB)
24. **Mesh networks: commodity multihop ad hoc networks**
Bruno, R.; Conti, M.; Gregori, E.
Communications Magazine, IEEE
Volume 43, Issue 3, Date: March 2005, Pages: 123- 131
Digital Object Identifier 10.1109/MCOM.2005.1404606
[Abstract](#) | Full Text: [PDF](#) (585 KB)
25. **Modeling and sizing for minimum energy operation in subthreshold circuits**
Calhoun, B.H.; Wang, A.; Chandrakasan, A.
Solid-State Circuits, IEEE Journal of
Volume 40, Issue 9, Date: Sept. 2005, Pages: 1778- 1786
Digital Object Identifier 10.1109/JSSC.2005.852162
[Abstract](#) | Full Text: [PDF](#) (776 KB)
26. **Transistor and circuit design for 100-200-GHz ICs**
Griffith, Z.; Yingda Dong; Scott, D.; Yun Wei; Parthasarathy, N.; Dahlstrom, M.; Kadow, C.; Paidi, V.; Rodwell, M.J.W.; Urteaga, M.; Pierson, R.; Rowell, P.; Brar, B.; Sangmin Lee; Nguyen, N.X.; Nguyen, C.
Solid-State Circuits, IEEE Journal of
Volume 40, Issue 10, Date: Oct. 2005, Pages: 2061- 2069
Digital Object Identifier 10.1109/JSSC.2005.854609
[Abstract](#) | Full Text: [PDF](#) (1584 KB)
27. **Signal Processing: is the future bright? [from The Editor]**
Djuric, P.M.
Signal Processing Magazine, IEEE
Volume 22, Issue 4, Date: July 2005, Pages: 2- 2
Digital Object Identifier 10.1109/MSP.2005.1458262
[Abstract](#) | Full Text: [PDF](#) (100 KB)
28. **Ultra-wideband communications: an idea whose time has come**
Liuqing Yang; Giannakis, G.B.
Signal Processing Magazine, IEEE
Volume 21, Issue 6, Date: Nov. 2004, Pages: 26- 54
Digital Object Identifier 10.1109/MSP.2004.1359140
[Abstract](#) | Full Text: [PDF](#) (3282 KB)
29. **Optogalvanic stabilization and offset tuning of a carbon dioxide waveguide laser**
Kavaya, M.; Menzies, R.; Oppenheim, U.
Quantum Electronics, IEEE Journal of
Volume 18, Issue 1, Date: Jan 1982, Pages: 19- 21
[Abstract](#) | Full Text: [PDF](#) (536 KB)
30. **TDCS, OFDM, and MC-CDMA: a brief tutorial**
Chakravarthy, V.; Nunez, A.S.; Stephens, J.P.; Shaw, A.K.; Temple, M.A.
Communications Magazine, IEEE
Volume 43, Issue 9, Date: Sept. 2005, Pages: S11- S16
Digital Object Identifier 10.1109/MCOM.2005.1509966

[Abstract](#) | Full Text: [PDF](#) (128 KB)

31. **A survey on wireless mesh networks**

Akyildiz, I.F.; Xudong Wang
Communications Magazine, IEEE
Volume 43, Issue 9, Date: Sept. 2005, Pages: S23- S30
Digital Object Identifier 10.1109/MCOM.2005.1509968

[Abstract](#) | Full Text: [PDF](#) (138 KB)

32. **A high-efficiency CMOS +22-dBm linear power amplifier**

Yongwang Ding; Harjani, R.
Solid-State Circuits, IEEE Journal of
Volume 40, Issue 9, Date: Sept. 2005, Pages: 1895- 1900
Digital Object Identifier 10.1109/JSSC.2005.848179

[Abstract](#) | Full Text: [PDF](#) (688 KB)

33. **PID control system analysis, design, and technology**

Kiam Heong Ang; Chong, G.; Yun Li
Control Systems Technology, IEEE Transactions on
Volume 13, Issue 4, Date: July 2005, Pages: 559- 576
Digital Object Identifier 10.1109/TCST.2005.847331

[Abstract](#) | Full Text: [PDF](#) (1768 KB)

34. **Securing Wi-Fi networks**

Hole, K.J.; Dyrnes, E.; Thorsheim, P.
Computer
Volume 38, Issue 7, Date: July 2005, Pages: 28- 34
Digital Object Identifier 10.1109/MC.2005.241

[Abstract](#) | Full Text: [PDF](#) (4784 KB)

35. **EM and substrate coupling in silicon RFICs**

Amaya, R.; Popplewell, P.H.R.; Cloutier, M.; Plett, C.
Solid-State Circuits, IEEE Journal of
Volume 40, Issue 9, Date: Sept. 2005, Pages: 1968- 1971
Digital Object Identifier 10.1109/JSSC.2005.848178

[Abstract](#) | Full Text: [PDF](#) (752 KB)

36. **Device mismatch and tradeoffs in the design of analog circuits**

Kinget, P.R.
Solid-State Circuits, IEEE Journal of
Volume 40, Issue 6, Date: June 2005, Pages: 1212- 1224
Digital Object Identifier 10.1109/JSSC.2005.848021

[Abstract](#) | Full Text: [PDF](#) (536 KB)

37. **Capacity limits of MIMO channels**

Goldsmith, A.; Jafar, S.A.; Jindal, N.; Vishwanath, S.
Selected Areas in Communications, IEEE Journal on
Volume 21, Issue 5, Date: June 2003, Pages: 684- 702
Digital Object Identifier 10.1109/JSAC.2003.810294

[Abstract](#) | Full Text: [PDF](#) (728 KB)

38. **A 5-GHz fully integrated full PMOS low-phase-noise LC VCO**

De Astis, G.; Cordeau, D.; Paillot, J.-M.; Dascalescu, L.
Solid-State Circuits, IEEE Journal of
Volume 40, Issue 10, Date: Oct. 2005, Pages: 2087- 2091

Digital Object Identifier 10.1109/JSSC.2005.854601

[Abstract](#) | Full Text: [PDF](#) (584 KB)

39. Low-power voltage-controlled oscillators in 90-nm CMOS using high-quality thin-film postprocessed inductors

Linten, D.; Xiao Sun; Carchon, G.; Jeamsaksiri, W.; Mercha, A.; Ramos, J.; Jenei, S.; Wambacq, P.; Dehan, M.; Aspemyr, L.; Scholten, A.J.; Decoutere, S.; Donnay, S.; De Raedt, W.
Solid-State Circuits, IEEE Journal of

Volume 40, Issue 9, Date: Sept. 2005, Pages: 1922- 1931

Digital Object Identifier 10.1109/JSSC.2005.848144

[Abstract](#) | Full Text: [PDF](#) (1792 KB)

40. A delta-sigma modulator for a 1-bit digital switching amplifier

Fujimoto, Y.; Re, P.L.; Miyamoto, M.

Solid-State Circuits, IEEE Journal of

Volume 40, Issue 9, Date: Sept. 2005, Pages: 1865- 1871

Digital Object Identifier 10.1109/JSSC.2005.848145

[Abstract](#) | Full Text: [PDF](#) (760 KB)

41. A 3.5-GHz PLL for fast low-IF/zero-IF LO switching in an 802.11 transceiver

Gierkink, S.L.J.; Li, D.; Frye, R.C.; Boccuzzi, V.

Solid-State Circuits, IEEE Journal of

Volume 40, Issue 9, Date: Sept. 2005, Pages: 1909- 1921

Digital Object Identifier 10.1109/JSSC.2005.848175

[Abstract](#) | Full Text: [PDF](#) (1424 KB)

42. A tutorial on multiple access technologies for beyond 3G mobile networks

Jamalipour, A.; Wada, T.; Yamazato, T.

Communications Magazine, IEEE

Volume 43, Issue 2, Date: Feb. 2005, Pages: 110- 117

Digital Object Identifier 10.1109/MCOM.2005.1391509

[Abstract](#) | Full Text: [PDF](#) (543 KB)

43. The exterminators [software bugs]

Ross, P.E.

Spectrum, IEEE

Volume 42, Issue 9, Date: Sept. 2005, Pages: 36- 41

Digital Object Identifier 10.1109/MSPEC.2005.1502527

[Abstract](#) | Full Text: [PDF](#) (7070 KB)

44. Applications of RFID technology

Raza, N.; Bradshaw, V.; Hague, M.

RFID Technology (Ref. No. 1999/123), IEE Colloquium on

Volume , Issue , Date: 1999, Pages: 1/1-1/5

[Abstract](#) | Full Text: [PDF](#) (160 KB)

45. Digital RF processing: toward low-cost reconfigurable radios

Muhammad, K.; Staszewski, R.B.; Leipold, D.

Communications Magazine, IEEE

Volume 43, Issue 8, Date: Aug. 2005, Pages: 105- 113

[Abstract](#) | Full Text: [PDF](#) (217 KB)

46. A 4.8-6.4-Gb/s serial link for backplane applications using decision feedback equalization

Balan, V.; Caroselli, J.; Chern, J.-G.; Chow, C.; Dadi, R.; Desai, C.; Fang, L.; Hsu, D.; Joshi, P.; Kimura, H.; Liu, C.Y.; Tzu-Wang Pan; Park, R.; You, C.; Yi Zeng; Zhang, E.; Zhong, F.

Solid-State Circuits, IEEE Journal of

Volume 40, Issue 9, Date: Sept. 2005, Pages: 1957- 1967
Digital Object Identifier 10.1109/JSSC.2005.848180

[Abstract](#) | Full Text: [PDF](#) (1280 KB)

47. **A 2.5-3.125-Gb/s quad transceiver with second-order analog DLL-based CDRs**

Coban, A.L.; Koroglu, M.H.; Ahmed, K.A.
Solid-State Circuits, IEEE Journal of
Volume 40, Issue 9, Date: Sept. 2005, Pages: 1940- 1947
Digital Object Identifier 10.1109/JSSC.2005.848142

[Abstract](#) | Full Text: [PDF](#) (1320 KB)

48. **Broadband MIMO-OFDM wireless communications**

Stuber, G.L.; Barry, J.R.; McLaughlin, S.W.; Ye Li; Ingram, M.A.; Pratt, T.G.
Proceedings of the IEEE
Volume 92, Issue 2, Date: Feb 2004, Pages: 271- 294
Digital Object Identifier 10.1109/JPROC.2003.821912

[Abstract](#) | Full Text: [PDF](#) (1200 KB) | Full Text: [HTML](#)

49. **IEEE standard for information technology- telecommunications and information exchange between systems- local and metropolitan area networks- specific requirements Part II: wireless LAN medium access control (MAC) and physical layer (PHY) specifications**

IEEE Std 802.11g-2003 (Amendment to IEEE Std 802.11, 1999 Edn. (Reaff 2003) as amended by IEEE Stds 802.11a-1999, 802.11b-1999, 802.11b-1999/Cor 1-2001, and 802.11d-2001)
Volume , Issue , Date: 2003, Pages: i- 67

[Abstract](#) | Full Text: [PDF](#) (1754 KB)

50. **High-dynamic-range VGA with temperature compensation and linear-in-dB gain control**

Carrara, F.; Palmisano, G.
Solid-State Circuits, IEEE Journal of
Volume 40, Issue 10, Date: Oct. 2005, Pages: 2019- 2024
Digital Object Identifier 10.1109/JSSC.2005.852827

[Abstract](#) | Full Text: [PDF](#) (736 KB)

51. **Signal processing techniques in network-aided positioning: a survey of state-of-the-art positioning designs**

Guolin Sun; Jie Chen; Wei Guo; Liu, K.J.R.
Signal Processing Magazine, IEEE
Volume 22, Issue 4, Date: July 2005, Pages: 12- 23
Digital Object Identifier 10.1109/MSP.2005.1458273

[Abstract](#) | Full Text: [PDF](#) (1818 KB)

52. **Space-time codes for high data rate wireless communication: performance criterion and code construction**

Tarokh, V.; Seshadri, N.; Calderbank, A.R.
Information Theory, IEEE Transactions on
Volume 44, Issue 2, Date: Mar 1998, Pages: 744-765
Digital Object Identifier 10.1109/18.661517

[Abstract](#) | Full Text: [PDF](#) (772 KB)

53. **Localization via ultra-wideband radios: a look at positioning aspects for future sensor networks**

Gezici, S.; Zhi Tian; Giannakis, G.B.; Kobayashi, H.; Molisch, A.F.; Poor, H.V.; Sahinoglu, Z.
Signal Processing Magazine, IEEE
Volume 22, Issue 4, Date: July 2005, Pages: 70- 84
Digital Object Identifier 10.1109/MSP.2005.1458289

[Abstract](#) | Full Text: [PDF](#) (1384 KB)

54. **Overview of the H.264/AVC video coding standard**
Wiegand, T.; Sullivan, G.J.; Bjntegaard, G.; Luthra, A.
Circuits and Systems for Video Technology, IEEE Transactions on
Volume 13, Issue 7, Date: July 2003, Pages: 560- 576
Digital Object Identifier 10.1109/TCSVT.2003.815165
[Abstract](#) | Full Text: [PDF](#) (904 KB)
55. **A baseband processor for impulse ultra-wideband communications**
Blazquez, R.; Newaskar, P.P.; Lee, F.S.; Chandrakasan, A.P.
Solid-State Circuits, IEEE Journal of
Volume 40, Issue 9, Date: Sept. 2005, Pages: 1821- 1828
Digital Object Identifier 10.1109/JSSC.2005.852157
[Abstract](#) | Full Text: [PDF](#) (912 KB)
56. **The end of AT&T: Ma Bell may be gone, but its innovations are everywhere**
Riordan, M.
Spectrum, IEEE
Volume 42, Issue 7, Date: July 2005, Pages: 46- 51
Digital Object Identifier 10.1109/MSPEC.2005.1460349
[Abstract](#) | Full Text: [PDF](#) (1746 KB)
57. **Recognition and verification of unconstrained handwritten words**
Koerich, A.L.; Sabourin, R.; Suen, C.Y.
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume 27, Issue 10, Date: Oct. 2005, Pages: 1509- 1522
Digital Object Identifier 10.1109/TPAMI.2005.207
[Abstract](#) | Full Text: [PDF](#) (1336 KB)
58. **Locating the nodes: cooperative localization in wireless sensor networks**
Patwari, N.; Ash, J.N.; Kyperountas, S.; Hero, A.O., III; Moses, R.L.; Correal, N.S.
Signal Processing Magazine, IEEE
Volume 22, Issue 4, Date: July 2005, Pages: 54- 69
Digital Object Identifier 10.1109/MSP.2005.1458287
[Abstract](#) | Full Text: [PDF](#) (1451 KB)
59. **A compact antenna for ultrawide-band applications**
Behdad, N.; Sarabandi, K.
Antennas and Propagation, IEEE Transactions on
Volume 53, Issue 7, Date: July 2005, Pages: 2185- 2192
Digital Object Identifier 10.1109/TAP.2005.850750
[Abstract](#) | Full Text: [PDF](#) (736 KB)
60. **RFID: a technical overview and its application to the enterprise**
Weinstein, R.
IT Professional
Volume 7, Issue 3, Date: May-June 2005, Pages: 27- 33
Digital Object Identifier 10.1109/MITP.2005.69
[Abstract](#) | Full Text: [PDF](#) (696 KB)
61. **A surface potential model for predicting substrate noise coupling in integrated circuits**
Kristiansson, S.; Ingvarson, F.; Kagganti, S.P.; Simic, N.; Zgrda, M.; Jeppson, K.O.
Solid-State Circuits, IEEE Journal of
Volume 40, Issue 9, Date: Sept. 2005, Pages: 1797- 1803
Digital Object Identifier 10.1109/JSSC.2005.848172
[Abstract](#) | Full Text: [PDF](#) (768 KB)

- 62. Survey of clustering algorithms**
Rui Xu; Wunsch, D., II
Neural Networks, IEEE Transactions on
Volume 16, Issue 3, Date: May 2005, Pages: 645- 678
Digital Object Identifier 10.1109/TNN.2005.845141
[Abstract](#) | Full Text: [PDF](#) (1544 KB)
- 63. RFID privacy: an overview of problems and proposed solutions**
Garfinkel, S.L.; Juels, A.; Pappu, R.
Security & Privacy Magazine, IEEE
Volume 3, Issue 3, Date: May-June 2005, Pages: 34- 43
Digital Object Identifier 10.1109/MSP.2005.78
[Abstract](#) | Full Text: [PDF](#) (1520 KB)
- 64. Reduction of sidelobe and speckle artifacts in microwave imaging:the CLEAN technique**
Tsao, J.; Steinberg, B.D.
Antennas and Propagation, IEEE Transactions on
Volume 36, Issue 4, Date: Apr 1988, Pages: 543-556
Digital Object Identifier 10.1109/8.1144
[Abstract](#) | Full Text: [PDF](#) (976 KB)
- 65. A CMOS gyrator low-IF filter for a dual-mode Bluetooth/ZigBee transceiver**
Guthrie, B.; Hughes, J.; Sayers, T.; Spencer, A.
Solid-State Circuits, IEEE Journal of
Volume 40, Issue 9, Date: Sept. 2005, Pages: 1872- 1879
Digital Object Identifier 10.1109/JSSC.2005.848146
[Abstract](#) | Full Text: [PDF](#) (480 KB)
- 66. A 0.8-V accurately tuned linear continuous-time filter**
Vemulapalli, G.; Hanumolu, P.K.; Youn-Jae Kook; Un-Ku Moon
Solid-State Circuits, IEEE Journal of
Volume 40, Issue 9, Date: Sept. 2005, Pages: 1972- 1977
Digital Object Identifier 10.1109/JSSC.2005.848170
[Abstract](#) | Full Text: [PDF](#) (360 KB)
- 67. A 24-GHz, +14.5-dBm fully integrated power amplifier in 0.18-/spl mu/m CMOS**
Komijani, A.; Natarajan, A.; Hajimiri, A.
Solid-State Circuits, IEEE Journal of
Volume 40, Issue 9, Date: Sept. 2005, Pages: 1901- 1908
Digital Object Identifier 10.1109/JSSC.2005.848143
[Abstract](#) | Full Text: [PDF](#) (1296 KB)
- 68. IEEE Std 802.11-1997 Information Technology- telecommunications And Information exchange Between Systems-Local And Metropolitan Area Networks-specific Requirements-part 11: Wireless Lan Medium Access Control (MAC) And Physical Layer (PHY) Specifications**

IEEE Std 802.11-1997
Volume , Issue , Date: 18 Nov 1997, Pages: i-445

[Abstract](#) | Full Text: [PDF](#) (25764 KB)
- 69. Bluetooth and Wi-Fi wireless protocols: a survey and a comparison**
Ferro, E.; Potorti, F.
Wireless Communications, IEEE [see also IEEE Personal Communications]
Volume 12, Issue 1, Date: Feb. 2005, Pages: 12- 26
Digital Object Identifier 10.1109/MWC.2005.1404569

[Abstract](#) | Full Text: [PDF](#) (610 KB)

70. A 700+-mW class D design with direct battery hookup in a 90-nm process

Forejt, B.; Rentala, V.; Arteaga, J.D.; Burra, G.

Solid-State Circuits, IEEE Journal of

Volume 40, Issue 9, Date: Sept. 2005, Pages: 1880- 1887

Digital Object Identifier 10.1109/JSSC.2005.848147

[Abstract](#) | Full Text: [PDF](#) (1024 KB)

71. Spectral Lines : Learning from Software Failure

Spectrum, IEEE

Volume 42, Issue 9, Date: Sept. 2005, Pages: 8- 8

Digital Object Identifier 10.1109/MSPEC.2005.1502519

[Abstract](#) | Full Text: [PDF](#) (172 KB)

72. Challenges in securing voice over IP

Walsh, T.J.; Kuhn, D.R.

Security & Privacy Magazine, IEEE

Volume 3, Issue 3, Date: May-June 2005, Pages: 44- 49

Digital Object Identifier 10.1109/MSP.2005.62

[Abstract](#) | Full Text: [PDF](#) (296 KB)

73. Big and bendable [flexible plastic-based circuits]

Chalamala, B.R.; Temple, D.

Spectrum, IEEE

Volume 42, Issue 9, Date: Sept. 2005, Pages: 50- 56

Digital Object Identifier 10.1109/MSPEC.2005.1502529

[Abstract](#) | Full Text: [PDF](#) (2369 KB)

74. System design considerations for ultra-wideband communication

Wentzloff, D.D.; Blazquez, R.; Lee, F.S.; Ginsburg, B.P.; Powell, J.; Chandrakasan, A.P.

Communications Magazine, IEEE

Volume 43, Issue 8, Date: Aug. 2005, Pages: 114- 121

[Abstract](#) | Full Text: [PDF](#) (362 KB)

75. TCP in wireless environments: problems and solutions

Ye Tian; Kai Xu; Ansari, N.

Communications Magazine, IEEE

Volume 43, Issue 3, Date: March 2005, Pages: S27- S32

Digital Object Identifier 10.1109/MCOM.2005.1404595

[Abstract](#) | Full Text: [PDF](#) (514 KB)

76. Code compression for the embedded ARM/THUMB processor

Xianhong Xu; Jones, S.

Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, 2003. Proceedings of the Second IEEE International Workshop on

Volume , Issue , Date: 8-10 Sept. 2003, Pages: 31- 35

Digital Object Identifier 10.1109/IDAACS.2003.1249510

[Abstract](#) | Full Text: [PDF](#) (439 KB)

77.

A ubiquitous mobile communication architecture for next-generation heterogeneous wireless systems

Akyildiz, I.F.; Mohanty, S.; Jiang Xie

Communications Magazine, IEEE

Volume 43, Issue 6, Date: June 2005, Pages: S29- S36

Digital Object Identifier 10.1109/MCOM.2005.1452832

[Abstract](#) | Full Text: [PDF](#) (130 KB)

78. Defending embedded systems against buffer overflow via hardware/software

Shao, Z.; Zhuge, Q.; He, Y.; Sha, E.H.-M.

Computer Security Applications Conference, 2003. Proceedings. 19th Annual

Volume , Issue , Date: 8-12 Dec. 2003, Pages: 352- 361

Digital Object Identifier 10.1109/CSAC.2003.1254340

[Abstract](#) | Full Text: [PDF](#) (261 KB)

79. A high-performance MIMO OFDM wireless LAN

Nanda, S.; Walton, R.; Ketchum, J.; Wallace, M.; Howard, S.

Communications Magazine, IEEE

Volume 43, Issue 2, Date: Feb. 2005, Pages: 101- 109

Digital Object Identifier 10.1109/MCOM.2005.1391508

[Abstract](#) | Full Text: [PDF](#) (564 KB)

80. IEEE standard for software test documentation

IEEE Std 829-1998

Volume , Issue , Date: 16 Dec 1998, Pages: -

[Abstract](#) | Full Text: [PDF](#) (592 KB)

81. A new framework for computer science and engineering

Rosenbloom, P.S.

Computer

Volume 37, Issue 11, Date: Nov. 2004, Pages: 23- 28

Digital Object Identifier 10.1109/MC.2004.186

[Abstract](#) | Full Text: [PDF](#) (144 KB)

82. Balanced Colpitt oscillator MMICs designed for ultra-low phase noise

Zirath, H.; Kozhuharov, R.; Ferndahl, M.

Solid-State Circuits, IEEE Journal of

Volume 40, Issue 10, Date: Oct. 2005, Pages: 2077- 2086

Digital Object Identifier 10.1109/JSSC.2005.854595

[Abstract](#) | Full Text: [PDF](#) (976 KB)

83. Subtly different facial expression recognition and expressionintensity estimation

Lien, J.J.-J.; Kanade, T.; Cohn, J.F.; Ching-Chung Li

Computer Vision and Pattern Recognition, 1998. Proceedings. 1998 IEEE Computer Society Conference on

Volume , Issue , Date: 23-25 Jun 1998, Pages: 853-859

Digital Object Identifier 10.1109/CVPR.1998.698704

[Abstract](#) | Full Text: [PDF](#) (8 KB)

84. Broadband wireless access solutions based on OFDM access in IEEE802.16

Koffman, I.; Roman, V.

Communications Magazine, IEEE

Volume 40, Issue 4, Date: Apr 2002, Pages: 96-103

Digital Object Identifier 10.1109/35.995857

[Abstract](#) | Full Text: [PDF](#) (585 KB)

85. Battery-free wireless identification and sensing

Philipose, M.; Smith, J.R.; Jiang, B.; Mamishev, A.; Sumit Roy; Sundara-Rajan, K.

Pervasive Computing, IEEE

Volume 4, Issue 1, Date: Jan.-March 2005, Pages: 37- 45
Digital Object Identifier 10.1109/MPRV.2005.7

[Abstract](#) | Full Text: [PDF](#) (1296 KB)

86. A 6.3-9-GHz CMOS fast settling PLL for MB-OFDM UWB applications

Geum-Young Tak; Seok-Bong Hyun; Tae Young Kang; Byoung Gun Choi; Seong Su Park
Solid-State Circuits, IEEE Journal of
Volume 40, Issue 8, Date: Aug. 2005, Pages: 1671- 1679
Digital Object Identifier 10.1109/JSSC.2005.852421

[Abstract](#) | Full Text: [PDF](#) (1120 KB)

87. A 6-bit 1.2-GS/s low-power flash-ADC in 0.13- μ m digital CMOS

Sandner, C.; Clara, M.; Santner, A.; Hartig, T.; Kuttner, F.
Solid-State Circuits, IEEE Journal of
Volume 40, Issue 7, Date: July 2005, Pages: 1499- 1505
Digital Object Identifier 10.1109/JSSC.2005.847215

[Abstract](#) | Full Text: [PDF](#) (816 KB)

88. Performance of inter-chip RF-interconnect using CPW, capacitive coupler, and UWB transceiver

Sun, M.; Zhang, Y.P.
Microwave Theory and Techniques, IEEE Transactions on
Volume 53, Issue 9, Date: Sept. 2005, Pages: 2650- 2655
Digital Object Identifier 10.1109/TMTT.2005.854213

[Abstract](#) | Full Text: [PDF](#) (544 KB)

89. On Mutual Information, Likelihood Ratios, and Estimation Error for the Additive Gaussian Channel

Zakai, M.
Information Theory, IEEE Transactions on
Volume 51, Issue 9, Date: Sept. 2005, Pages: 3017- 3024
Digital Object Identifier 10.1109/TIT.2005.853297

[Abstract](#) | Full Text: [PDF](#) (256 KB)

90. Routing techniques in wireless sensor networks: a survey

Al-Karaki, J.N.; Kamal, A.E.
Wireless Communications, IEEE [see also IEEE Personal Communications]
Volume 11, Issue 6, Date: Dec. 2004, Pages: 6- 28
Digital Object Identifier 10.1109/MWC.2004.1368893

[Abstract](#) | Full Text: [PDF](#) (435 KB)

91. Analyses and design of bias circuits tolerating output voltages above BV_{sub} CEO/

Veenstra, H.; Hurkx, G.A.M.; van Goor, D.; Brekelmans, H.; Long, J.R.
Solid-State Circuits, IEEE Journal of
Volume 40, Issue 10, Date: Oct. 2005, Pages: 2008- 2018
Digital Object Identifier 10.1109/JSSC.2005.852829

[Abstract](#) | Full Text: [PDF](#) (1128 KB)

92. A 90-nm FPGA I/O buffer design with 1.6-Gb/s data rate for source-synchronous system and 300-MHz clock rate for external memory interface

Tyhach, J.; Wang, B.; Sung, C.; Huang, J.; Nguyen, K.; Xiaobao Wang; Yan Chong; Pan, P.; Kim, H.; Rangan, G.; Tzung-Chin Chang; Tan, J.
Solid-State Circuits, IEEE Journal of
Volume 40, Issue 9, Date: Sept. 2005, Pages: 1829- 1838
Digital Object Identifier 10.1109/JSSC.2005.852156

[Abstract](#) | Full Text: [PDF](#) (1560 KB)

93. Design of a multiband OFDM system for realistic UWB channel environments

Batra, A.; Balakrishnan, J.; Aiello, G.R.; Foerster, J.R.; Dabak, A.

Microwave Theory and Techniques, IEEE Transactions on
Volume 52, Issue 9, Part: 1, Date: Sept. 2004, Pages: 2123- 2138
Digital Object Identifier 10.1109/TMTT.2004.834184

[Abstract](#) | Full Text: [PDF](#) (840 KB)

94. CMOS image sensors

El Gamal, A.; Eltoukhy, H.
Circuits and Devices Magazine, IEEE
Volume 21, Issue 3, Date: May-June 2005, Pages: 6- 20
Digital Object Identifier 10.1109/MCD.2005.1438751

[Abstract](#) | Full Text: [PDF](#) (2429 KB)

95. Mobile positioning using wireless networks: possibilities and fundamental limitations based on available wireless network measurements

Gustafsson, F.; Gunnarsson, F.
Signal Processing Magazine, IEEE
Volume 22, Issue 4, Date: July 2005, Pages: 41- 53
Digital Object Identifier 10.1109/MSP.2005.1458284

[Abstract](#) | Full Text: [PDF](#) (1170 KB)

96. A 1.5-V direct digital synthesizer with tunable delta-sigma modulator in 0.13- μm CMOS

Lindeberg, J.; Vankka, J.; Sommarek, J.; Halonen, K.
Solid-State Circuits, IEEE Journal of
Volume 40, Issue 9, Date: Sept. 2005, Pages: 1978- 1982
Digital Object Identifier 10.1109/JSSC.2005.848140

[Abstract](#) | Full Text: [PDF](#) (320 KB)

97. Design of a differential distributed amplifier and oscillator using close-packed interleaved transmission lines

Guckenberger, D.; Kornegay, K.T.
Solid-State Circuits, IEEE Journal of
Volume 40, Issue 10, Date: Oct. 2005, Pages: 1997- 2007
Digital Object Identifier 10.1109/JSSC.2005.852820

[Abstract](#) | Full Text: [PDF](#) (1288 KB)

98. Estimation of delay variations due to random-dopant fluctuations in nanoscale CMOS circuits

Mahmoodi, H.; Mukhopadhyay, S.; Roy, K.
Solid-State Circuits, IEEE Journal of
Volume 40, Issue 9, Date: Sept. 2005, Pages: 1787- 1796
Digital Object Identifier 10.1109/JSSC.2005.852164

[Abstract](#) | Full Text: [PDF](#) (552 KB)

99. Analysis of envelope signal injection for improvement of RF amplifier intermodulation distortion

Leung, V.W.; Junxiang Deng; Gudem, P.S.; Larson, L.E.
Solid-State Circuits, IEEE Journal of
Volume 40, Issue 9, Date: Sept. 2005, Pages: 1888- 1894
Digital Object Identifier 10.1109/JSSC.2005.848176

[Abstract](#) | Full Text: [PDF](#) (696 KB)

100. Process variation in embedded memories: failure analysis and variation aware architecture

Agarwal, A.; Paul, B.C.; Mukhopadhyay, S.; Roy, K.
Solid-State Circuits, IEEE Journal of
Volume 40, Issue 9, Date: Sept. 2005, Pages: 1804- 1814
Digital Object Identifier 10.1109/JSSC.2005.852159

[Abstract](#) | Full Text: [PDF](#) (944 KB)

[Back to top](#)



[Help](#) [Contact Us](#) [Privacy & Security](#) [IEEE.org](#)

© Copyright 2005 IEEE – All Rights Reserved