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Article Information

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    Gardner, J.D.; Schubert, R.W.
    Biomedical Engineering Conference, 1997., Proceedings of the 1997 Sixteenth Southern
    Volume , Issue , Date: 4-6 Apr 1997, Pages: 366-369
    Digital Object Identifier 10.1109/SBEC.1997.583312

    Abstract |Full Text: PDF (396 KB)

2. **New Tendencies in Maintenance in the Electric Industry**
    Duran, J.B.
    Latin America Transactions, IEEE (Revista IEEE America Latina)
    Volume 1, Issue 1, Date: Oct. 2003, Pages: 1- 1

    Abstract |Full Text: PDF (304 KB)

3. **Bandwidth Extension Techniques for CMOS Amplifiers**
    Shekhar, S.; Walling, J.S.; Allstot, D.J.
    Solid-State Circuits, IEEE Journal of
    Volume 41, Issue 11, Date: Nov. 2006, Pages: 2424- 2439
    Digital Object Identifier 10.1109/JSSC.2006.883336

    Abstract |Full Text: PDF (3144 KB)

4. **IEEE recommended practice for software requirements specifications**

    IEEE Std 830-1998
    Volume , Issue , Date: 20 Oct 1998, Pages: -

    Abstract |Full Text: PDF (444 KB)

5. **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)

6. **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)

7. **Modeling and Simulation of Current Transformers with the EMTP/ATP program**
    Camarena, J.A.A.
    Latin America Transactions, IEEE (Revista IEEE America Latina)
    Volume 2, Issue 3, Date: Sept. 2004, Pages: 1- 1

    Abstract |Full Text: PDF (256 KB)

8. **IEEE Standard for Local and metropolitan area networks Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems Amendment 2: Physical and Medium Access Control Layers for Combined Fixed and Mobile Operation in Licensed Bands and Corrigendum 1**

    IEEE Std 802.16e-2005 and IEEE Std 802.16-2004/Cor 1-2005 (Amendment and Corrigendum to IEEE Std 802.16-2004)
    Volume , Issue , Date: 2006, Pages: 0_1- 822

    Abstract |Full Text: PDF (5468 KB)

9. **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)

10. **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)

11. **MIMO-OFDM wireless systems: basics, perspectives, and challenges**
    Bolcskei, H.
    Wireless Communications, IEEE [see also IEEE Personal Communications]
    Volume 13, Issue 4, Date: Aug. 2006, Pages: 31- 37
    Digital Object Identifier 10.1109/MWC.2006.1678163

    Abstract |Full Text: PDF (473 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. **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)

14. **The next generation network and why weapos;ll never see it**
    Cambron, G.K.
    Communications Magazine, IEEE
    Volume 44, Issue 10, Date: October 2006, Pages: 8- 10

    Abstract |Full Text: PDF (786 KB)

15. **A Fully Integrated Direct-Conversion Receiver for CDMA and GPS Applications**
    Lim, K.; Lee, S.-H.; Min, S.; Ock, S.; Hwang, M.-W.; Lee, C.-H.; Kim, K.-L.; Han, S.
    Solid-State Circuits, IEEE Journal of
    Volume 41, Issue 11, Date: Nov. 2006, Pages: 2408- 2416
    Digital Object Identifier 10.1109/JSSC.2006.882892

    Abstract |Full Text: PDF (1808 KB)

16. **A tutorial on particle filters for online nonlinear/non-GaussianBayesian tracking**
    Arulampalam, M.S.; Maskell, S.; Gordon, N.; Clapp, T.

Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on]
Volume 50, Issue 2, Date: Feb 2002, Pages: 174-188
Digital Object Identifier 10.1109/78.978374

Abstract |Full Text: PDF (355 KB)

17. **WiMax: The Emergence of Wireless Broadband**
Abichar, Z.; Yanlin Peng; Chang, J.M.
IT Professional
Volume 8, Issue 4, Date: July-Aug. 2006, Pages: 44- 48
Digital Object Identifier 10.1109/MITP.2006.99

Abstract |Full Text: PDF (744 KB)

18. **Qality of service support in IEEE 802.16 networks**
Cicconetti, C.; Lenzini, L.; Mingozzi, E.; Eklund, C.
Network, IEEE
Volume 20, Issue 2, Date: March-April 2006, Pages: 50- 55
Digital Object Identifier 10.1109/MNET.2006.1607896

Abstract |Full Text: PDF (150 KB)

19. **Interference rejection techniques in spread spectrum communications**
Milstein, L.B.
Proceedings of the IEEE
Volume 76, Issue 6, Date: Jun 1988, Pages: 657-671
Digital Object Identifier 10.1109/5.4455

Abstract |Full Text: PDF (1148 KB)

20. **Using MDA to develop Component and Aspect Based Applications**
Alarcon, M.P.; Fuentes Fernandez, L.; Troya Linero, J.M.
Latin America Transactions, IEEE (Revista IEEE America Latina)
Volume 3, Issue 1, Date: March 2005, Pages: 1- 1

Abstract |Full Text: PDF (504 KB)

21. **IEEE standard for software test documentation**

IEEE Std 829-1998
Volume , Issue , Date: 16 Dec 1998, Pages: -

Abstract |Full Text: PDF (592 KB)

22. **A Low-Power Dual-Band Triple-Mode WLAN CMOS Transceiver**
Maeda, T.; Matsuno, N.; Hori, S.; Yamase, T.; Tokairin, T.; Yanagisawa, K.; Yano, H.; Walkington, R.; Numata, K.; Yoshida, N.; Takahashi, Y.; Hida, H.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 11, Date: Nov. 2006, Pages: 2481- 2490
Digital Object Identifier 10.1109/JSSC.2006.883323

Abstract |Full Text: PDF (2024 KB)

23. **The capacity of wireless networks**
Gupta, P.; Kumar, P.R.
Information Theory, IEEE Transactions on
Volume 46, Issue 2, Date: Mar 2000, Pages: 388-404
Digital Object Identifier 10.1109/18.825799

Abstract |Full Text: PDF (376 KB)

24. **Design of a Sub-mW 960-MHz UWB CMOS LNA**
Wang, S.B.T.; Niknejad, A.M.; Brodersen, R.W.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 11, Date: Nov. 2006, Pages: 2449- 2456
Digital Object Identifier 10.1109/JSSC.2006.883321

Abstract |Full Text: PDF (1120 KB)

25. **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)

26. **An introduction to RFID technology**
Want, R.
Pervasive Computing, IEEE
Volume 5, Issue 1, Date: Jan.-March 2006, Pages: 25- 33
Digital Object Identifier 10.1109/MPRV.2006.2

Abstract |Full Text: PDF (2936 KB)

27. **A Quantization Noise Suppression Technique for $Delta Sigma$ Fractional-N Frequency Synthesizers**
Yang, Y.-C.; Yu, S.-A.; Liu, Y.-H.; Wang, T.; Lu, S.-S.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 11, Date: Nov. 2006, Pages: 2500- 2511
Digital Object Identifier 10.1109/JSSC.2006.883325

Abstract |Full Text: PDF (2096 KB)

28. **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)

29. **A 14-bit 20-MS/s Pipelined ADC With Digital Distortion Calibration**
Daito, M.; Matsui, H.; Ueda, M.; Iizuka, K.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 11, Date: Nov. 2006, Pages: 2417- 2423
Digital Object Identifier 10.1109/JSSC.2006.882886

Abstract |Full Text: PDF (1080 KB)

30. **The Competition and Cooperation of WiMAX, WLAN and 3G**
Liangshan Ma; Dongyan Jia
Mobile Technology, Applications and Systems, 2005 2nd International Conference on
Volume , Issue , Date: 15-17 Nov. 2005, Pages: 1- 5

Abstract |Full Text: PDF (3096 KB)

31. **From theory to practice: an overview of MIMO space-time coded wireless systems**
Gesbert, D.; Shafi, M.; Da-shan Shiu; Smith, P.J.; Naguib, A.
Selected Areas in Communications, IEEE Journal on
Volume 21, Issue 3, Date: Apr 2003, Pages: 281- 302
Digital Object Identifier 10.1109/JSAC.2003.809458

Abstract |Full Text: PDF (930 KB)

32. **Cognitive radio: brain-empowered wireless communications**
Haykin, S.
Selected Areas in Communications, IEEE Journal on
Volume 23, Issue 2, Date: Feb. 2005, Pages: 201- 220
Digital Object Identifier 10.1109/JSAC.2004.839380

Abstract |Full Text: PDF (600 KB)

33. **VCO Design With On-Chip Calibration System**
Vaananen, P.; Mikkola, N.; Helio, P.

Circuits and Systems I: Regular Papers, IEEE Transactions on [see also Circuits and Systems I: Fundamental Theory and Applications, IEEE Transactions on]
Volume 53, Issue 10, Date: Oct. 2006, Pages: 2157- 2166
Digital Object Identifier 10.1109/TCSI.2006.883844

Abstract |Full Text: PDF (1120 KB)

34. **Software-defined radio receiver: dream to reality**
Bagheri, R.; Mirzaei, A.; Heidari, M.E.; Chehrazi, S.; Minjae Lee; Mikhemar, M.; Tang, W.K.; Abidi, A.A.
Communications Magazine, IEEE
Volume 44, Issue 8, Date: Aug. 2006, Pages: 111- 118
Digital Object Identifier 10.1109/MCOM.2006.1678118

Abstract |Full Text: PDF (163 KB)

35. **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)

36. **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)

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. **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)

39. **A personal history of the Viterbi algorithm**
Viterbi, A.J.
Signal Processing Magazine, IEEE
Volume 23, Issue 4, Date: July 2006, Pages: 120- 142
Digital Object Identifier 10.1109/MSP.2006.1657823

Abstract |Full Text: PDF (146 KB)

40. **Comparator-Based Switched-Capacitor Circuits for Scaled CMOS Technologies**
Fiorenza, J. K.; Sepke, T.; Holloway, P.; Sodini, C. G.; Lee, H.-S.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 12, Date: Dec. 2006, Pages: 2658-2668
Digital Object Identifier 10.1109/JSSC.2006.884330

Abstract |Full Text: PDF (1116 KB)

41. **Sensor networks: evolution, opportunities, and challenges**
Chee-Yee Chong; Kumar, S.P.
Proceedings of the IEEE
Volume 91, Issue 8, Date: Aug. 2003, Pages: 1247- 1256

Digital Object Identifier 10.1109/JPROC.2003.814918

Abstract |Full Text: PDF (388 KB)| Full Text: HTML

42. **IEEE 802.16e system performance: analysis and simulations**
Wang, F.; Ghosh, A.; Love, R.; Stewart, K.; Ratasuk, R.; Bachu, R.; Sun, Y.; Zhao, Q.
Personal, Indoor and Mobile Radio Communications, 2005. PIMRC 2005. IEEE 16th International Symposium on
Volume 2, Issue , Date: 11-14 Sept. 2005, Pages: 900- 904 Vol. 2
Digital Object Identifier 10.1109/PIMRC.2005.1651572

Abstract |Full Text: PDF (4120 KB)

43. **An 800-MHz–6-GHz Software-Defined Wireless Receiver in 90-nm CMOS**
Bagheri, R.; Mirzaei, A.; Chehrazi, S.; Heidari, M. E.; Lee, M.; Mikhemar, M.; Tang, W.; Abidi, A. A.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 12, Date: Dec. 2006, Pages: 2860-2876
Digital Object Identifier 10.1109/JSSC.2006.884835

Abstract |Full Text: PDF (2248 KB)

44. **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)

45. **Design of Ultra-Wideband Monopulse Receiver**
Tan, A.E.-C.; Chia, M.Y.-W.; Rambabu, K.
Microwave Theory and Techniques, IEEE Transactions on
Volume 54, Issue 11, Date: Nov. 2006, Pages: 3821- 3827
Digital Object Identifier 10.1109/TMTT.2006.884683

Abstract |Full Text: PDF (584 KB)

46. **A 20-mW 640-MHz CMOS Continuous-Time $SigmaDelta$ ADC With 20-MHz Signal Bandwidth, 80-dB Dynamic Range and 12-bit ENOB**
Mitteregger, G.; Ebner, C.; Mechnig, S.; Blon, T.; Holuigue, C.; Romani, E.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 12, Date: Dec. 2006, Pages: 2641-2649
Digital Object Identifier 10.1109/JSSC.2006.884332

Abstract |Full Text: PDF (1492 KB)

47. **MAC protocols for wireless sensor networks: a survey**
Demirkol, I.; Ersoy, C.; Alagoz, F.
Communications Magazine, IEEE
Volume 44, Issue 4, Date: April 2006, Pages: 115- 121
Digital Object Identifier 10.1109/MCOM.2006.1632658

Abstract |Full Text: PDF (118 KB)

48. **Additional Loss in the Core of Three Phase Transformers Feeding Non Linear Loads**
Lima Nerys, J.W.; Lisita, L.R.; Oliveira, A.M.; Moreira, A.C.; Batista, A.J.
Latin America Transactions, IEEE (Revista IEEE America Latina)
Volume 2, Issue 1, Date: March 2004, Pages: 1- 1

Abstract |Full Text: PDF (808 KB)

49. **An Architecture to Define Graphical Metaphors for Metamodels**
Boronat, A.; Pedros, J.; Carsi, J.A.; Ramos, I.
Latin America Transactions, IEEE (Revista IEEE America Latina)
Volume 3, Issue 1, Date: March 2005, Pages: 1- 1

Abstract |Full Text: PDF (376 KB)

50. **MOS operational amplifier design-a tutorial overview**

Gray, P.R.; Meyer, R.G.
Solid-State Circuits, IEEE Journal of
Volume 17, Issue 6, Date: Dec 1982, Pages: 969- 982

Abstract |Full Text: PDF (1536 KB)

51. **1-V DTMOS-Based Class-AB Operational Amplifier: Implementation and Experimental Results**
Achigui, H.F.; Fayomi, C.J.B.; Sawan, M.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 11, Date: Nov. 2006, Pages: 2440- 2448
Digital Object Identifier 10.1109/JSSC.2006.883341

Abstract |Full Text: PDF (2112 KB)

52. **Evaluation of the Cable Modem Technology DOCSIS 1.0 in an MMDS Access Network for Video Conference Services**
Lopez Pastor, E.T.; Abdalla, H.; Molinaro, L.F.R.
Latin America Transactions, IEEE (Revista IEEE America Latina)
Volume 1, Issue 1, Date: Oct 2003, Pages: 1- 1
Digital Object Identifier 10.1109/TLA.2003.1468621

Abstract |Full Text: PDF (712 KB)

53. **Performance analysis of the IEEE 802.11 distributed coordinationfunction**
Bianchi, G.
Selected Areas in Communications, IEEE Journal on
Volume 18, Issue 3, Date: Mar 2000, Pages: 535-547
Digital Object Identifier 10.1109/49.840210

Abstract |Full Text: PDF (312 KB)

54. **Modeling Reusable Web Business Processes from an Aspect Oriented Perspective**
Rodriguez Echeverria, R.; Sanchez, F.; Conejero, J.; Pedrero, J.
Latin America Transactions, IEEE (Revista IEEE America Latina)
Volume 3, Issue 1, Date: March 2005, Pages: 1- 1

Abstract |Full Text: PDF (304 KB)

55. **The history of RFID**
Landt, J.
Potentials, IEEE
Volume 24, Issue 4, Date: Oct.-Nov. 2005, Pages: 8- 11
Digital Object Identifier 10.1109/MP.2005.1549751

Abstract |Full Text: PDF (684 KB)

56. **Interference-aware IEEE 802.16 WiMax mesh networks**
Hung-Yu Wei; Ganguly, S.; Izmailov, R.; Haas, Z.J.
Vehicular Technology Conference, 2005. VTC 2005-Spring. 2005 IEEE 61st
Volume 5, Issue , Date: 30 May-1 June 2005, Pages: 3102- 3106 Vol. 5
Digital Object Identifier 10.1109/VETECS.2005.1543918

Abstract |Full Text: PDF (2536 KB)

57. **Analog AGC Circuitry for a CMOS WLAN Receiver**
Jeon, O.; Fox, R.M.; Myers, B.A.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 10, Date: Oct. 2006, Pages: 2291- 2300
Digital Object Identifier 10.1109/JSSC.2006.881548

Abstract |Full Text: PDF (1488 KB)

58. **A Low-Power Digital IC Design Inside the Wireless Endoscopic Capsule**
Xie, X.; Li, G.; Chen, X.; Li, X.; Wang, Z.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 11, Date: Nov. 2006, Pages: 2390- 2400
Digital Object Identifier 10.1109/JSSC.2006.882884

Abstract |Full Text: PDF (2296 KB)

59. **Face Description with Local Binary Patterns: Application to Face Recognition**
Ahonen, T.; Hadid, A.; Pietikainen, M.
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume 28, Issue 12, Date: Dec. 2006, Pages: 2037- 2041
Digital Object Identifier 10.1109/TPAMI.2006.244

Abstract |Full Text: PDF (1104 KB)

60. **Design and implementation of a simulator based on a cross-layer protocol between MAC and PHY layers in a WiBro Compatible.IEEE 802.16e OFDMA system**
Taesoo Kwon; Howon Lee; Sik Choi; Juyeop Kim; Dong-Ho Cho; Sunghyun Cho; Sangboh Yun; Won-Hyoung Park; Kiho Kim
Communications Magazine, IEEE
Volume 43, Issue 12, Date: Dec. 2005, Pages: 136- 146
Digital Object Identifier 10.1109/MCOM.2005.1561931

Abstract |Full Text: PDF (178 KB)

61. **Broadband Wireless Access - The Next Wireless Revolution**
Bing, B.
Communication Networks and Services Research Conference, 2006. CNSR 2006. Proceedings of the 4th Annual
Volume , Issue , Date: 24-25 May 2006, Pages: 14- 14
Digital Object Identifier 10.1109/CNSR.2006.20

Abstract |Full Text: PDF (79 KB)

62. **A Calibrated Pulse Generator for Impulse-Radio UWB Applications**
Liang, C.-F.; Liu, S.-T.; Liu, S.-I.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 11, Date: Nov. 2006, Pages: 2401- 2407
Digital Object Identifier 10.1109/JSSC.2006.882889

Abstract |Full Text: PDF (2192 KB)

63. **A Continuous-Time Programmable Digital FIR Filter**
Li, Y.W.; Shepard, K.L.; Tsividis, Y.P.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 11, Date: Nov. 2006, Pages: 2512- 2520
Digital Object Identifier 10.1109/JSSC.2006.883314

Abstract |Full Text: PDF (1200 KB)

64. **Emerging standards for wireless mesh technology**
Lee, M.J.; Jianliang Zheng; Young-Bae Ko; Shrestha, D.M.
Wireless Communications, IEEE [see also IEEE Personal Communications]
Volume 13, Issue 2, Date: April 2006, Pages: 56- 63
Digital Object Identifier 10.1109/MWC.2006.1632481

Abstract |Full Text: PDF (169 KB)

65. **Signal Processing Using Mutual Information**
Hudson, J.E.
Signal Processing Magazine, IEEE
Volume 23, Issue 6, Date: Nov. 2006, Pages: 50-54
Digital Object Identifier 10.1109/SP-M.2006.248712

Abstract |Full Text: PDF (380 KB)

66. **Security standards for the RFID market**
Phillips, T.; Karygiannis, T.; Kuhn, R.
Security & Privacy Magazine, IEEE
Volume 3, Issue 6, Date: Nov.-Dec. 2005, Pages: 85- 89
Digital Object Identifier 10.1109/MSP.2005.157

Abstract |Full Text: PDF (304 KB)

67. **PID control system analysis and design**
Yun Li; Kiam Heong Ang; Chong, G.C.Y.

Control Systems Magazine, IEEE
Volume 26, Issue 1, Date: Feb. 2006, Pages: 32- 41
Digital Object Identifier 10.1109/MCS.2006.1580152

Abstract |Full Text: PDF (1252 KB)

68. **A 10-Gb/s CMOS CDR and DEMUX IC With a Quarter-Rate Linear Phase Detector**
Byun, S.; Lee, J.C.; Shim, J.H.; Kim, K.; Yu, H.-K.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 11, Date: Nov. 2006, Pages: 2566- 2576
Digital Object Identifier 10.1109/JSSC.2006.883334

Abstract |Full Text: PDF (2608 KB)

69. **5-GHz Oscillator Array With Reduced Flicker Up-Conversion in 0.13-$muhboxm$CMOS**
Romano, L.; Bonfanti, A.; Levantino, S.; Samori, C.; Lacaita, A.L.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 11, Date: Nov. 2006, Pages: 2457- 2467
Digital Object Identifier 10.1109/JSSC.2006.883315

Abstract |Full Text: PDF (1416 KB)

70. **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)

71. **Shape Representation and Classification Using the Poisson Equation**
Gorelick, L.; Galun, M.; Sharon, E.; Basri, R.; Brandt, A.
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume 28, Issue 12, Date: Dec. 2006, Pages: 1991- 2005
Digital Object Identifier 10.1109/TPAMI.2006.253

Abstract |Full Text: PDF (1696 KB)

72. **More on the $1/{rm f}^{2}$ Phase Noise Performance of CMOS Differential-Pair LC-Tank Oscillators**
Andreani, P.; Fard, A.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 12, Date: Dec. 2006, Pages: 2703-2712
Digital Object Identifier 10.1109/JSSC.2006.884188

Abstract |Full Text: PDF (1010 KB)

73. **Technical solutions for the 3G long-term evolution**
Ekstrom, H.; Furuskar, A.; Karlsson, J.; Meyer, M.; Parkvall, S.; Torsner, J.; Wahlqvist, M.
Communications Magazine, IEEE
Volume 44, Issue 3, Date: March 2006, Pages: 38- 45
Digital Object Identifier 10.1109/MCOM.2006.1607864

Abstract |Full Text: PDF (145 KB)

74. **A Tutorial on Cross-Layer Optimization in Wireless Networks**
Lin, X.; Shroff, N.B.; Srikant, R.
Selected Areas in Communications, IEEE Journal on
Volume 24, Issue 8, Date: Aug. 2006, Pages: 1452- 1463
Digital Object Identifier 10.1109/JSAC.2006.879351

Abstract |Full Text: PDF (520 KB)

75. **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

76. **IEEE Standard for Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements Part 15.4: Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for Low-Rate Wireless Personal Area Networks (WPANs)**

IEEE Std 802.15.4-2006 (Revision of IEEE Std 802.15.4-2003)
Volume , Issue , Date: 2006, Pages: 0_1- 305

Abstract |Full Text: PDF (3694 KB)

77. **A 0.5-GHz to 2.5-GHz PLL With Fully Differential Supply Regulated Tuning**
Brownlee, M.; Hanumolu, P. K.; Mayaram, K.; Moon, U.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 12, Date: Dec. 2006, Pages: 2720-2728
Digital Object Identifier 10.1109/JSSC.2006.884194

Abstract |Full Text: PDF (1369 KB)

78. **Migration to 4 G: Mobile IP based Solutions**
Santhi, K.R.; Kumaran, G.S.
Telecommunications, 2006. AICT-ICIW apos;06. International Conference on Internet and Web Applications and Services/Advanced International Conference on
Volume , Issue , Date: 19-25 Feb. 2006, Pages: 76- 76
Digital Object Identifier 10.1109/AICT-ICIW.2006.128

Abstract |Full Text: PDF (240 KB)

79. **Cooperative communications in mobile ad hoc networks**
Scaglione, A.; Goeckel, D.L.; Laneman, J.N.
Signal Processing Magazine, IEEE
Volume 23, Issue 5, Date: Sept. 2006, Pages: 18- 29

Abstract |Full Text: PDF (1589 KB)

80. **A 1.9-GHz Single-Chip CMOS PHS Cellphone**
Si, W. W.; Mehta, S.; Samavati, H.; Terrovitis, M.; Mack, M.; Onodera, K.; Jen, S.; Luschas, S.; Hwang, J.; Mendis, S.; Su, D.; Wooley, B.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 12, Date: Dec. 2006, Pages: 2737-2745
Digital Object Identifier 10.1109/JSSC.2006.884790

Abstract |Full Text: PDF (2267 KB)

81. **Phase Noise and Jitter in CMOS Ring Oscillators**
Abidi, A.A.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 8, Date: Aug. 2006, Pages: 1803- 1816
Digital Object Identifier 10.1109/JSSC.2006.876206

Abstract |Full Text: PDF (1272 KB)

82. **Statistical pattern recognition: a review**
Jain, A.K.; Duin, R.P.W.; Jianchang Mao
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume 22, Issue 1, Date: Jan 2000, Pages: 4-37
Digital Object Identifier 10.1109/34.824819

Abstract |Full Text: PDF (1708 KB)

83. **A cross-layer scheduling algorithm with QoS support in wireless networks**
Qingwen Liu; Xin Wang; Giannakis, G.B.
Vehicular Technology, IEEE Transactions on
Volume 55, Issue 3, Date: May 2006, Pages: 839- 847
Digital Object Identifier 10.1109/TVT.2006.873832

Abstract |Full Text: PDF (288 KB)

84. **A Fully Integrated 2.4-GHz IEEE 802.15.4-Compliant Transceiver for ZigBee™ Applications**
     Kluge, W.; Poegel, F.; Roller, H.; Lange, M.; Ferchland, T.; Dathe, L.; Eggert, D.
     Solid-State Circuits, IEEE Journal of
     Volume 41, Issue 12, Date: Dec. 2006, Pages: 2767-2775
     Digital Object Identifier 10.1109/JSSC.2006.884802

     Abstract |Full Text: PDF (1841 KB)

85. **IEEE Standard for 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 Amendment 8: Medium Access Control (MAC) Quality of Service Enhancements**

     IEEE Std 802.11e-2005 (Amendment to IEEE Std 802.11, 1999 Edition (Reaff 2003)
     Volume , Issue , Date: 2005, Pages: 0_1- 189

     Abstract |Full Text: PDF (2554 KB)

86. **A 375-mW Quadrature Bandpass $DeltaSigma$ ADC With 8.5-MHz BW and 90-dB DR at 44 MHz**
     Schreier, R.; Abaskharoun, N.; Shibata, H.; Paterson, D.; Rose, S.; Mehr, I.; Luu, Q.
     Solid-State Circuits, IEEE Journal of
     Volume 41, Issue 12, Date: Dec. 2006, Pages: 2632-2640
     Digital Object Identifier 10.1109/JSSC.2006.884340

     Abstract |Full Text: PDF (1665 KB)

87. **Cooperative wireless communications: a cross-layer approach**
     Pei Liu; Zhifeng Tao; Zinan Lin; Erkip, E.; Panwar, S.
     Wireless Communications, IEEE [see also IEEE Personal Communications]
     Volume 13, Issue 4, Date: Aug. 2006, Pages: 84- 92
     Digital Object Identifier 10.1109/MWC.2006.1678169

     Abstract |Full Text: PDF (252 KB)

88. **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)

89. **Handoffs in fourth generation heterogeneous networks**
     Nasser, N.; Hasswa, A.; Hassanein, H.
     Communications Magazine, IEEE
     Volume 44, Issue 10, Date: October 2006, Pages: 96- 103

     Abstract |Full Text: PDF (153 KB)

90. **A New On-Chip Substrate-Coupled Inductor Model Implemented With Scalable Expressions**
     Lai, I.C.H.; M., F.
     Solid-State Circuits, IEEE Journal of
     Volume 41, Issue 11, Date: Nov. 2006, Pages: 2491- 2499
     Digital Object Identifier 10.1109/JSSC.2006.883320

     Abstract |Full Text: PDF (1112 KB)

91. **Dynamic Shape and Appearance Models**
     Doretto, G.; Soatto, S.
     Pattern Analysis and Machine Intelligence, IEEE Transactions on
     Volume 28, Issue 12, Date: Dec. 2006, Pages: 2006- 2019
     Digital Object Identifier 10.1109/TPAMI.2006.243

     Abstract |Full Text: PDF (1792 KB)

92. **A 1-GS/s 11-bit ADC With 55-dB SNDR, 250-mW Power Realized by a High Bandwidth Scalable Time-Interleaved Architecture**
     Gupta, S. K.; Inerfield, M. A.; Wang, J.

Solid-State Circuits, IEEE Journal of
Volume 41, Issue 12, Date: Dec. 2006, Pages: 2650-2657
Digital Object Identifier 10.1109/JSSC.2006.884331

Abstract |Full Text: PDF (1173 KB)

93.   **Dynamic multiuser resource allocation and adaptation for wireless systems**
      Letaief, K.B.; Ying Jun Zhang
      Wireless Communications, IEEE [see also IEEE Personal Communications]
      Volume 13, Issue 4, Date: Aug. 2006, Pages: 38- 47
      Digital Object Identifier 10.1109/MWC.2006.1678164

      Abstract |Full Text: PDF (426 KB)

94.   **Smart antenna techniques and their application to wireless ad hoc networks**
      Winters, J.H.
      Wireless Communications, IEEE [see also IEEE Personal Communications]
      Volume 13, Issue 4, Date: Aug. 2006, Pages: 77- 83
      Digital Object Identifier 10.1109/MWC.2006.1678168

      Abstract |Full Text: PDF (130 KB)

95.   **Mesh WLAN networks: concept and system design**
      Faccin, S.M.; Wijting, C.; Kenckt, J.; Damle, A.
      Wireless Communications, IEEE [see also IEEE Personal Communications]
      Volume 13, Issue 2, Date: April 2006, Pages: 10- 17
      Digital Object Identifier 10.1109/MWC.2006.1632476

      Abstract |Full Text: PDF (236 KB)

96.   **From linear adaptive filtering to nonlinear information processing - The design and analysis of information processing systems**
      Erdogmus, D.; Principe, J.C.
      Signal Processing Magazine, IEEE
      Volume 23, Issue 6, Date: Nov. 2006, Pages: 14-33
      Digital Object Identifier 10.1109/SP-M.2006.248709

      Abstract |Full Text: PDF (2658 KB)

97.   **Antenna design for UHF RFID tags: a review and a practical application**
      Rao, K.V.S.; Nikitin, P.V.; Lam, S.F.
      Antennas and Propagation, IEEE Transactions on
      Volume 53, Issue 12, Date: Dec. 2005, Pages: 3870- 3876
      Digital Object Identifier 10.1109/TAP.2005.859919

      Abstract |Full Text: PDF (808 KB)

98.   **A Silicon 60-GHz Receiver and Transmitter Chipset for Broadband Communications**
      Reynolds, S. K.; Floyd, B. A.; Pfeiffer, U. R.; Beukema, T.; Grzyb, J.; Haymes, C.; Gaucher, B.; Soyuer, M.
      Solid-State Circuits, IEEE Journal of
      Volume 41, Issue 12, Date: Dec. 2006, Pages: 2820-2831
      Digital Object Identifier 10.1109/JSSC.2006.884820

      Abstract |Full Text: PDF (4330 KB)

99.   **The H.264/MPEG4 advanced video coding standard and its applications**
      Marpe, D.; Wiegand, T.; Sullivan, G.J.
      Communications Magazine, IEEE
      Volume 44, Issue 8, Date: Aug. 2006, Pages: 134- 143
      Digital Object Identifier 10.1109/MCOM.2006.1678121

      Abstract |Full Text: PDF (189 KB)

100. **Validating a Biometric Authentication System: Sample Size Requirements**
      Dass, S.C.; Yongfang Zhu; Jain, A.K.
      Pattern Analysis and Machine Intelligence, IEEE Transactions on
      Volume 28, Issue 12, Date: Dec. 2006, Pages: 1902- 1319
      Digital Object Identifier 10.1109/TPAMI.2006.255

      Abstract |Full Text: PDF (1776 KB)