



Top 100 Documents Accessed: June 2009

Display Format: Citation Citation & Abstract

Article Information

1. A Computational Approach to Edge Detection

Canny, John
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume PAMI-8, Issue 6, Date: Nov. 1986, Pages: 679-698
Digital Object Identifier 10.1109/TPAMI.1986.4767851

[Abstract](#) | Full Text: [PDF](#) (7141 KB)

2. Cooperative relay to improve diversity in cognitive radio networks

Qian Zhang; Juncheng Jia; Jin Zhang
Communications Magazine, IEEE
Volume 47, Issue 2, Date: February 2009, Pages: 111-117
Digital Object Identifier 10.1109/MCOM.2009.4785388

[Abstract](#) | Full Text: [PDF](#) (234 KB)

3. Mean shift: a robust approach toward feature space analysis

Comaniciu, D.; Meer, P.
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume 24, Issue 5, Date: May 2002, Pages: 603-619
Digital Object Identifier 10.1109/34.1000236

[Abstract](#) | Full Text: [PDF](#) (3254 KB)

4. LTE: the evolution of mobile broadband - [LTE part II: 3GPP release 8]

Astely, D.; Dahlman, E.; Furuskar, A.; Jading, Y.; Lindstrom, M.; Parkvall, S.
Communications Magazine, IEEE
Volume 47, Issue 4, Date: April 2009, Pages: 44-51
Digital Object Identifier 10.1109/MCOM.2009.4907406

[Abstract](#) | Full Text: [PDF](#) (275 KB)

5. IEEE recommended practice for software requirements specifications

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

[Abstract](#) | Full Text: [PDF](#) (444 KB)

6. A Communication Perspective on Automatic Text Categorization

Capdevila, M.; Florez, O.W.M.
Knowledge and Data Engineering, IEEE Transactions on
Volume 21, Issue 7, Date: July 2009, Pages: 1027-1041
Digital Object Identifier 10.1109/TKDE.2009.22

[Abstract](#) | Full Text: [PDF](#) (2515 KB)

7. A Bio-Inspired Active Radio-Frequency Silicon Cochlea

Mandal, S.; Zhak, S.M.; Sarpeshkar, R.
Solid-State Circuits, IEEE Journal of
Volume 44, Issue 6, Date: June 2009, Pages: 1814-1828
Digital Object Identifier 10.1109/JSSC.2009.2020465

[Abstract](#) | Full Text: [PDF](#) (1899 KB)

8. IEEE Standard for Local and metropolitan area networks Part 16: Air Interface for Broadband Wireless Access Systems

IEEE Std 802.16-2009 (Revision of IEEE Std 802.16-2004)
Volume , Issue , Date: May 29 2009, Pages: C1-2004
Digital Object Identifier 10.1109/IEEESTD.2009.5062485

[Abstract](#) | Full Text: [PDF](#) (10365 KB)

9. A 100 MS/s 4 MHz Bandwidth 70 dB SNR Δ ADC in 90 nm CMOS

Fujimoto, Y.; Kanazawa, Y.; Re, P.L.; Iizuka, K.
Solid-State Circuits, IEEE Journal of
Volume 44, Issue 6, Date: June 2009, Pages: 1697-1708
Digital Object Identifier 10.1109/JSSC.2009.2020458

[Abstract](#) | Full Text: [PDF](#) (823 KB)

10. A tutorial on particle filters for online nonlinear/non-Gaussian Bayesian tracking

Arulampalam, M.S.; Maskell, S.; Gordon, N.; Clapp, T.
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)

11. 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)

12. A survey of spectrum sensing algorithms for cognitive radio applications

Yucek, T.; Arslan, H.
Communications Surveys & Tutorials, IEEE
Volume 11, Issue 1, Date: First Quarter 2009, Pages: 116-130
Digital Object Identifier 10.1109/SURV.2009.090109

[Abstract](#) | Full Text: [PDF](#) (521 KB)

13. Grid of the future

Ipakchi, A.; Albuyeh, F.
Power and Energy Magazine, IEEE
Volume 7, Issue 2, Date: March-April 2009, Pages: 52-62
Digital Object Identifier 10.1109/MPE.2008.931384

[Abstract](#) | Full Text: [PDF](#) (3297 KB)

14. 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)

15. Cooperative Communications for Cognitive Radio Networks

Wei Zhang; Ben Letaief, K.
Proceedings of the IEEE
Volume 97, Issue 5, Date: May 2009, Pages: 878-893
Digital Object Identifier 10.1109/JPROC.2009.2015716

[Abstract](#) | Full Text: [PDF](#) (896 KB)

16. A Class-E PA With Pulse-Width and Pulse-Position Modulation in 65 nm CMOS

Walling, J.S.; Lakdawala, H.; Palaskas, Y.; Ravi, A.; Degani, O.; Soumyanath, K.; Allstot, D.J.
Solid-State Circuits, IEEE Journal of
Volume 44, Issue 6, Date: June 2009, Pages: 1668-1678

Digital Object Identifier 10.1109/JSSC.2009.2020205

[Abstract](#) | Full Text: [PDF](#) (2406 KB)

17. 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)

18. On-Chip Supply Noise Regulation Using a Low-Power Digital Switched Decoupling Capacitor Circuit

Jie Gu; Hanyong Eom; Kim, C.H.

Solid-State Circuits, IEEE Journal of
Volume 44, Issue 6, Date: June 2009, Pages: 1765-1775

Digital Object Identifier 10.1109/JSSC.2009.2020454

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

19. An Ultrawideband Diversity Antenna

See, T. S. P.; Chen, Z. N.

Antennas and Propagation, IEEE Transactions on
Volume 57, Issue 6, Date: June 2009, Pages: 1597-1605

Digital Object Identifier 10.1109/TAP.2009.2019908

[Abstract](#) | Full Text: [PDF](#) (792 KB)

20. 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)

21. A 35-GS/s, 4-Bit Flash ADC With Active Data and Clock Distribution Trees

Shahramian, S.; Voinigescu, S.P.; Carusone, A.C.

Solid-State Circuits, IEEE Journal of
Volume 44, Issue 6, Date: June 2009, Pages: 1709-1720

Digital Object Identifier 10.1109/JSSC.2009.2020657

[Abstract](#) | Full Text: [PDF](#) (1854 KB)

22. A tutorial on hidden Markov models and selected applications in speech 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)

23. Robust H^∞ Control of an Uncertain System Via a Stable Output Feedback Controller

Petersen, I. R.

Automatic Control, IEEE Transactions on
Volume 54, Issue 6, Date: June 2009, Pages: 1418-1423

Digital Object Identifier 10.1109/TAC.2009.2017980

[Abstract](#) | Full Text: [PDF](#) (274 KB)

24. 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)

25. A V-Band CMOS VCO With an Admittance-Transforming Cross-Coupled Pair

Hsieh-Hung Hsieh; Liang-Hung Lu
Solid-State Circuits, IEEE Journal of
Volume 44, Issue 6, Date: June 2009, Pages: 1689-1696
Digital Object Identifier 10.1109/JSSC.2009.2020203

[Abstract](#) | Full Text: [PDF](#) (1015 KB)

26. Microstrip Patch Antennas on Tunable Electromagnetic Band-Gap Substrates

Liang, J.; David Yang, H. Y.
Antennas and Propagation, IEEE Transactions on
Volume 57, Issue 6, Date: June 2009, Pages: 1612-1617
Digital Object Identifier 10.1109/TAP.2009.2019928

[Abstract](#) | Full Text: [PDF](#) (723 KB)

27. Search, Neutral Evolution, and Mapping in Evolutionary Computing: A Case Study of Grammatical Evolution

Wilson, D.; Kaur, D.
Evolutionary Computation, IEEE Transactions on
Volume 13, Issue 3, Date: June 2009, Pages: 566-590
Digital Object Identifier 10.1109/TEVC.2008.2009063

[Abstract](#) | Full Text: [PDF](#) (1322 KB)

28. 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

IEEE Std 802.11-2007 (Revision of IEEE Std 802.11-1999)
Volume , Issue , Date: June 12 2007, Pages: C1-1184
Digital Object Identifier 10.1109/IEEESTD.2007.373646

[Abstract](#) | Full Text: [PDF](#) (15501 KB)

29. Cooperative diversity in wireless networks: Efficient protocols and outage behavior

Laneman, J.N.; Tse, D.N.C.; Wornell, G.W.
Information Theory, IEEE Transactions on
Volume 50, Issue 12, Date: Dec. 2004, Pages: 3062- 3080
Digital Object Identifier 10.1109/TIT.2004.838089

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

30. OFDM for cognitive radio: merits and challenges [accepted from open call]

Mahmoud, H.; Yucek, T.; Arslan, H.
Wireless Communications, IEEE
Volume 16, Issue 2, Date: April 2009, Pages: 6-15
Digital Object Identifier 10.1109/MWC.2009.4907554

[Abstract](#) | Full Text: [PDF](#) (6139 KB)

31. Cooperative communication in wireless networks

Nosratinia, A.; Hunter, T.E.; Hedayat, A.
Communications Magazine, IEEE
Volume 42, Issue 10, Date: Oct. 2004, Pages: 74- 80
Digital Object Identifier 10.1109/MCOM.2004.1341264

[Abstract](#) | Full Text: [PDF](#) (265 KB)

32. Routing techniques in wireless sensor networks: a survey

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

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

33. An Introduction To Compressive Sampling

Candes, E.J.; Wakin, M.B.
Signal Processing Magazine, IEEE
Volume 25, Issue 2, Date: March 2008, Pages: 21-30
Digital Object Identifier 10.1109/MSP.2007.914731

[Abstract](#) | Full Text: [PDF](#) (1437 KB)

34. Impact of Smart Grid on distribution system design

Brown, R.E.

Power and Energy Society General Meeting - Conversion and Delivery of Electrical Energy in the 21st Century, 2008 IEEE

Volume , Issue , Date: 20-24 July 2008, Pages: 1-4

Digital Object Identifier 10.1109/PES.2008.4596843

[Abstract](#) | Full Text: [PDF](#) (277 KB)

35. The LTE link-layer design - [LTE part II: 3GPP release 8]

Larmo, A.; Lindstrom, M.; Meyer, M.; Pelletier, G.; Torsner, J.; Wiemann, H.

Communications Magazine, IEEE

Volume 47, Issue 4, Date: April 2009, Pages: 52-59

Digital Object Identifier 10.1109/MCOM.2009.4907407

[Abstract](#) | Full Text: [PDF](#) (124 KB)

36. Spectrum Sensing for Cognitive Radio

Haykin, S.; Thomson, D.J.; Reed, J.H.

Proceedings of the IEEE

Volume 97, Issue 5, Date: May 2009, Pages: 849-877

Digital Object Identifier 10.1109/JPROC.2009.2015711

[Abstract](#) | Full Text: [PDF](#) (1557 KB)

37. 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](#) (1528 KB)

38. Self-Adaptive Multimethod Search for Global Optimization in Real-Parameter Spaces

Vrugt, J.A.; Robinson, B.A.; Hyman, J.M.

Evolutionary Computation, IEEE Transactions on

Volume 13, Issue 2, Date: April 2009, Pages: 243-259

Digital Object Identifier 10.1109/TEVC.2008.924428

[Abstract](#) | Full Text: [PDF](#) (1879 KB)

39. Trends in Embedded Software Engineering

Liggesmeyer, P.; Trapp, M.

Software, IEEE

Volume 26, Issue 3, Date: May-June 2009, Pages: 19-25

Digital Object Identifier 10.1109/MS.2009.80

[Abstract](#) | Full Text: [PDF](#) (500 KB)

40. Compressed sensing

Donoho, D.L.

Information Theory, IEEE Transactions on

Volume 52, Issue 4, Date: April 2006, Pages: 1289-1306

Digital Object Identifier 10.1109/TIT.2006.871582

[Abstract](#) | Full Text: [PDF](#) (483 KB)

41. 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)

42. MIMO Detection Methods: How They Work

Larsson, E.G.

Signal Processing Magazine, IEEE
Volume 26, Issue 3, Date: May 2009, Pages: 91-95
Digital Object Identifier 10.1109/MSP.2009.932126

[Abstract](#) | Full Text: [PDF](#) (739 KB)

43. The evolution of distribution

Jiyuan Fan; Borlase, S.
Power and Energy Magazine, IEEE
Volume 7, Issue 2, Date: March-April 2009, Pages: 63-68
Digital Object Identifier 10.1109/MPE.2008.931392

[Abstract](#) | Full Text: [PDF](#) (1386 KB)

44. Interference coordination and cancellation for 4G networks - [LTE part II: 3GPP release 8]

Boudreau, G.; Panicker, J.; Ning Guo; Rui Chang; Neng Wang; Vrzic, S.
Communications Magazine, IEEE
Volume 47, Issue 4, Date: April 2009, Pages: 74-81
Digital Object Identifier 10.1109/MCOM.2009.4907410

[Abstract](#) | Full Text: [PDF](#) (125 KB)

45. Network planning in wireless ad hoc networks: a cross-Layer approach

Wu, Y.; Chou, P.A.; Qian Zhang; Jain, K.; Wenwu Zhu; Sun-Yuan Kung
Selected Areas in Communications, IEEE Journal on
Volume 23, Issue 1, Date: Jan. 2005, Pages: 136- 150
Digital Object Identifier 10.1109/JSAC.2004.837362(410) 23

[Abstract](#) | Full Text: [PDF](#) (848 KB)

46. Mobile WiMAX systems: performance and evolution

Fan Wang; Ghosh, A.; Sankaran, C.; Fleming, P.; Hsieh, F.; Benes, S.
Communications Magazine, IEEE
Volume 46, Issue 10, Date: October 2008, Pages: 41-49
Digital Object Identifier 10.1109/MCOM.2008.4644118

[Abstract](#) | Full Text: [PDF](#) (249 KB)

47. Multiple-antenna techniques for wireless communications - a comprehensive literature survey

Mietzner, J.; Schober, R.; Lampe, L.; Gerstacker, W.H.; Hoeher, P.A.
Communications Surveys & Tutorials, IEEE
Volume 11, Issue 2, Date: Second Quarter 2009, Pages: 87-105
Digital Object Identifier 10.1109/SURV.2009.090207

[Abstract](#) | Full Text: [PDF](#) (315 KB)

48. Cloud Computing and Grid Computing 360-Degree Compared

Foster, I.; Yong Zhao; Raicu, I.; Lu, S.
Grid Computing Environments Workshop, 2008. GCE apos;08
Volume , Issue , Date: 12-16 Nov. 2008, Pages: 1-10
Digital Object Identifier 10.1109/GCE.2008.4738445

[Abstract](#) | Full Text: [PDF](#) (469 KB)

49. What is a Spectrum Hole and What Does it Take to Recognize One?

Tandra, R.; Sahai, A.; Mishra, S.M.
Proceedings of the IEEE
Volume 97, Issue 5, Date: May 2009, Pages: 824-848
Digital Object Identifier 10.1109/JPROC.2009.2015710

[Abstract](#) | Full Text: [PDF](#) (4218 KB)

50. Image Quality Assessment Based on Multiscale Geometric Analysis

Xinbo Gao; Wen Lu; Dacheng Tao; Xuelong Li
Image Processing, IEEE Transactions on
Volume 18, Issue 7, Date: July 2009, Pages: 1409-1423
Digital Object Identifier 10.1109/TIP.2009.2018014

[Abstract](#) | Full Text: [PDF](#) (3464 KB)

51. Design of Three-Stage Class-AB 16 Ω Headphone Driver Capable of Handling Wide Range of Load Capacitance

Dhanasekaran, V.; Silva-Martinez, J.; Sanchez-Sinencio, E.
Solid-State Circuits, IEEE Journal of
Volume 44, Issue 6, Date: June 2009, Pages: 1734-1744
Digital Object Identifier 10.1109/JSSC.2009.2020461

[Abstract](#) | Full Text: [PDF](#) (1360 KB)

52. Signal Processing in Cognitive Radio

Biing Hwang Juang; Li, G.Y.; Jun Ma
Proceedings of the IEEE
Volume 97, Issue 5, Date: May 2009, Pages: 805-823
Digital Object Identifier 10.1109/JPROC.2009.2015707

[Abstract](#) | Full Text: [PDF](#) (441 KB)

53. Breaking Spectrum Gridlock With Cognitive Radios: An Information Theoretic Perspective

Jafar, S.A.; Srinivasa, S.; Maric, I.; Goldsmith, A.
Proceedings of the IEEE
Volume 97, Issue 5, Date: May 2009, Pages: 894-914
Digital Object Identifier 10.1109/JPROC.2009.2015717

[Abstract](#) | Full Text: [PDF](#) (1195 KB)

54. Beyond bandlimited sampling

Eldar, Y.; Michaeli, T.
Signal Processing Magazine, IEEE
Volume 26, Issue 3, Date: May 2009, Pages: 48-68
Digital Object Identifier 10.1109/MSP.2009.932125

[Abstract](#) | Full Text: [PDF](#) (3260 KB)

55. Signal processing: a view of the future, part 2

Treichler, J.
Signal Processing Magazine, IEEE
Volume 26, Issue 3, Date: May 2009, Pages: 83-86
Digital Object Identifier 10.1109/MSP.2009.932165

[Abstract](#) | Full Text: [PDF](#) (180 KB)

56. Etch rates for micromachining processing-Part II

Williams, K.R.; Gupta, K.; Wasilik, M.
Microelectromechanical Systems, Journal of
Volume 12, Issue 6, Date: Dec. 2003, Pages: 761 - 778
Digital Object Identifier 10.1109/JMEMS.2003.820936

[Abstract](#) | Full Text: [PDF](#) (1047 KB)

57. Coexistence studies for 3GPP LTE with other mobile systems - [LTE part II: 3GPP release 8]

Man Hung Ng; Shen-De Lin; Li, J.; Tatesh, S.
Communications Magazine, IEEE
Volume 47, Issue 4, Date: April 2009, Pages: 60-65
Digital Object Identifier 10.1109/MCOM.2009.4907408

[Abstract](#) | Full Text: [PDF](#) (122 KB)

58. Cloud Computing: IT as a Service

Geng Lin; Fu, D.; Jinzy Zhu; Dasmalchi, G.
IT Professional
Volume 11, Issue 2, Date: March-April 2009, Pages: 10-13
Digital Object Identifier 10.1109/MITP.2009.22

[Abstract](#) | Full Text: [PDF](#) (3016 KB)

59. IEEE recommended practices and requirements for harmonic control in electrical power systems

IEEE Std 519-1992
Volume , Issue , Date: 12 Apr 1993, Pages: -

[Abstract](#) | Full Text: [PDF](#) (4460 KB)

60. Cloud Computing: New Wine or Just a New Bottle?

Voas, Jeffrey; Zhang, Jia
IT Professional
Volume 11, Issue 2, Date: March-April 2009, Pages: 15-17
Digital Object Identifier 10.1109/MITP.2009.23

[Abstract](#) | Full Text: [PDF](#) (1412 KB)

61. IEEE Standard for Information technology--Telecommunications and information exchange between systems--Local and metropolitan area networks--Specific requirements Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications - Section One

IEEE Std 802.3-2008 (Revision of IEEE Std 802.3-2005)
Volume , Issue , Date: Dec. 26 2008, Pages: c1-597
Digital Object Identifier 10.1109/IEEESTD.2008.4726971

[Abstract](#) | Full Text: [PDF](#) (11488 KB)

62. The Case for Cloud Computing

Grossman, R.L.
IT Professional
Volume 11, Issue 2, Date: March-April 2009, Pages: 23-27
Digital Object Identifier 10.1109/MITP.2009.40

[Abstract](#) | Full Text: [PDF](#) (457 KB)

63. Propagation Issues for Cognitive Radio

Shafi, M.; Greenstein, L.J.; Molisch, A.F.
Proceedings of the IEEE
Volume 97, Issue 5, Date: May 2009, Pages: 787-804
Digital Object Identifier 10.1109/JPROC.2009.2015704

[Abstract](#) | Full Text: [PDF](#) (414 KB)

64. Cognitive radio: making software radios more personal

Mitola, J., III; Maguire, G.Q., Jr.
Personal Communications, IEEE
Volume 6, Issue 4, Date: Aug 1999, Pages: 13-18
Digital Object Identifier 10.1109/98.788210

[Abstract](#) | Full Text: [PDF](#) (788 KB)

65. General model for representing variable speed wind turbines in power system dynamics simulations

Slootweg, J.G.; de Haan, S.W.H.; Polinder, H.; Kling, W.L.
Power Systems, IEEE Transactions on
Volume 18, Issue 1, Date: Feb 2003, Pages: 144- 151
Digital Object Identifier 10.1109/TPWRS.2002.807113

[Abstract](#) | Full Text: [PDF](#) (422 KB)

66. Context-Aware Visual Tracking

Ming Yang; Ying Wu; Gang Hua
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume 31, Issue 7, Date: July 2009, Pages: 1195-1209
Digital Object Identifier 10.1109/TPAMI.2008.146

[Abstract](#) | Full Text: [PDF](#) (3124 KB)

67. Network information flow

Ahlsvede, R.; Ning Cai; Li, S.-Y.R.; Yeung, R.W.
Information Theory, IEEE Transactions on
Volume 46, Issue 4, Date: Jul 2000, Pages: 1204-1216
Digital Object Identifier 10.1109/18.850663

[Abstract](#) | Full Text: [PDF](#) (344 KB)

- 68. Super-resolution image reconstruction: a technical overview**
Sung Cheol Park; Min Kyu Park; Moon Gi Kang
Signal Processing Magazine, IEEE
Volume 20, Issue 3, Date: May 2003, Pages: 21- 36
Digital Object Identifier 10.1109/MSP.2003.1203207
[Abstract](#) | Full Text: [PDF](#) (2720 KB)
- 69. An Outlook on Design Technologies for Future Integrated Systems**
De Micheli, G.
Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on
Volume 28, Issue 6, Date: June 2009, Pages: 777-790
Digital Object Identifier 10.1109/TCAD.2009.2021008
[Abstract](#) | Full Text: [PDF](#) (715 KB)
- 70. Resistivity of Graphene Nanoribbon Interconnects**
Murali, R.; Brenner, K.; Yinxiao Yang; Beck, T.; Meindl, J.D.
Electron Device Letters, IEEE
Volume 30, Issue 6, Date: June 2009, Pages: 611-613
Digital Object Identifier 10.1109/LED.2009.2020182
[Abstract](#) | Full Text: [PDF](#) (203 KB)
- 71. A fast and elitist multiobjective genetic algorithm: NSGA-II**
Deb, K.; Pratap, A.; Agarwal, S.; Meyarivan, T.
Evolutionary Computation, IEEE Transactions on
Volume 6, Issue 2, Date: Apr 2002, Pages: 182-197
Digital Object Identifier 10.1109/4235.996017
[Abstract](#) | Full Text: [PDF](#) (714 KB)
- 72. An Energy-Efficient All-Digital UWB Transmitter Employing Dual Capacitively-Coupled Pulse-Shaping Drivers**
Mercier, P.P.; Daly, D.C.; Chandrakasan, A.P.
Solid-State Circuits, IEEE Journal of
Volume 44, Issue 6, Date: June 2009, Pages: 1679-1688
Digital Object Identifier 10.1109/JSSC.2009.2020466
[Abstract](#) | Full Text: [PDF](#) (1579 KB)
- 73. Cognitive Radio and Networking Research at Virginia Tech**
MacKenzie, A.B.; Reed, J.H.; Athanas, P.; Bostian, C.W.; Buehrer, R.M.; DaSilva, L.A.; Ellingson, S.W.; Hou, Y.T.; Hsiao, M.; Jung-Min Park;
Patterson, C.; Raman, S.; da Silva, C.
Proceedings of the IEEE
Volume 97, Issue 4, Date: April 2009, Pages: 660-688
Digital Object Identifier 10.1109/JPROC.2009.2013022
[Abstract](#) | Full Text: [PDF](#) (2022 KB)
- 74. Reduction of Inductive Crosstalk Using Quadrupole Inductors**
Poon, A.; Chang, A.; Samavati, H.; Wong, S.S.
Solid-State Circuits, IEEE Journal of
Volume 44, Issue 6, Date: June 2009, Pages: 1756-1764
Digital Object Identifier 10.1109/JSSC.2009.2020525
[Abstract](#) | Full Text: [PDF](#) (1306 KB)
- 75. Design of a High Performance 2-GHz Direct-Conversion Front-End With a Single-Ended RF Input in 0.13 μm CMOS**
Yiping Feng; Takemura, G.; Kawaguchi, S.; Kinget, P.
Solid-State Circuits, IEEE Journal of
Volume 44, Issue 5, Date: May 2009, Pages: 1380-1390
Digital Object Identifier 10.1109/JSSC.2009.2015824
[Abstract](#) | Full Text: [PDF](#) (1266 KB)
- 76. All-Digital Ring-Oscillator-Based Macro for Sensing Dynamic Supply Noise Waveform**
Ogasahara, Y.; Hashimoto, M.; Onoye, T.
Solid-State Circuits, IEEE Journal of

Volume 44, Issue 6, Date: June 2009, Pages: 1745-1755
Digital Object Identifier 10.1109/JSSC.2009.2020192

[Abstract](#) | Full Text: [PDF](#) (1738 KB)

77. Data communication over the smart grid

Srinivasa Prasanna, G.N.; Lakshmi, A.; Sumanth, S.; Simha, V.; Bapat, J.; Koomullil, G.
Power Line Communications and Its Applications, 2009. ISPLC 2009. IEEE International Symposium on
Volume , Issue , Date: March 29 2009-April 1 2009, Pages: 273-279
Digital Object Identifier 10.1109/ISPLC.2009.4913442

[Abstract](#) | Full Text: [PDF](#) (1236 KB)

78. A short introduction to wavelets and their applications

Gargour, C.; Gabrea, M.; Ramachandran, V.; Lina, J.-M.
Circuits and Systems Magazine, IEEE
Volume 9, Issue 2, Date: Second Quarter 2009, Pages: 57-68
Digital Object Identifier 10.1109/MCAS.2009.932556

[Abstract](#) | Full Text: [PDF](#) (3355 KB)

79. Performance Evaluation of Cognitive Radios: Metrics, Utility Functions, and Methodology

Youping Zhao; Shiwen Mao; Neel, J.O.; Reed, J.H.
Proceedings of the IEEE
Volume 97, Issue 4, Date: April 2009, Pages: 642-659
Digital Object Identifier 10.1109/JPROC.2009.2013017

[Abstract](#) | Full Text: [PDF](#) (4023 KB)

80. Classification Based on Hybridization of Parametric and Nonparametric Classifiers

Chaudhuri, P.; Ghosh, A.K.; Oja, H.
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume 31, Issue 7, Date: July 2009, Pages: 1153-1164
Digital Object Identifier 10.1109/TPAMI.2008.149

[Abstract](#) | Full Text: [PDF](#) (3218 KB)

81. Time-Domain Circularly Polarized Antennas

Shlivinski, A.
Antennas and Propagation, IEEE Transactions on
Volume 57, Issue 6, Date: June 2009, Pages: 1606-1611
Digital Object Identifier 10.1109/TAP.2009.2019899

[Abstract](#) | Full Text: [PDF](#) (351 KB)

82. A survey of inter-vehicle communication protocols and their applications

Willke, T.L.; Tientrakool, P.; Maxemchuk, N.F.
Communications Surveys & Tutorials, IEEE
Volume 11, Issue 2, Date: Second Quarter 2009, Pages: 3-20
Digital Object Identifier 10.1109/SURV.2009.090202

[Abstract](#) | Full Text: [PDF](#) (3960 KB)

83. IEEE guide for safety in AC substation grounding

IEEE Std 80-2000
Volume , Issue , Date: 2000, Pages: i-192
Digital Object Identifier 10.1109/IEEESTD.2000.91902

[Abstract](#) | Full Text: [PDF](#) (16291 KB)

84. Image Segmentation Using Information Bottleneck Method

Bardera, A.; Rigau, J.; Boada, I.; Feixas, M.; Sbert, M.
Image Processing, IEEE Transactions on
Volume 18, Issue 7, Date: July 2009, Pages: 1601-1612
Digital Object Identifier 10.1109/TIP.2009.2017823

[Abstract](#) | Full Text: [PDF](#) (3592 KB)

85. Probabilistic Classification Vector Machines

Chen, H.; Tino, P.; Yao, X.
Neural Networks, IEEE Transactions on
Volume 20, Issue 6, Date: June 2009, Pages: 901-914
Digital Object Identifier 10.1109/TNN.2009.2014161

[Abstract](#) | Full Text: [PDF](#) (1245 KB)

86. Removal of Correlated Noise by Modeling the Signal of Interest in the Wavelet Domain

Goossens, B.; Pizurica, A.; Philips, W.
Image Processing, IEEE Transactions on
Volume 18, Issue 6, Date: June 2009, Pages: 1153-1165
Digital Object Identifier 10.1109/TIP.2009.2017169

[Abstract](#) | Full Text: [PDF](#) (2427 KB)

87. Doubly fed induction generator systems for wind turbines

Muller, S.; Deicke, M.; De Doncker, R.W.
Industry Applications Magazine, IEEE
Volume 8, Issue 3, Date: May/Jun 2002, Pages: 26-33
Digital Object Identifier 10.1109/2943.999610

[Abstract](#) | Full Text: [PDF](#) (5810 KB)

88. A Flexible Solution-Processed Memristor

Gergel-Hackett, N.; Hamadani, B.; Dunlap, B.; Suehle, J.; Richter, C.; Hacker, C.; Gundlach, D.
Electron Device Letters, IEEE
Volume 30, Issue 7, Date: July 2009, Pages: 706-708
Digital Object Identifier 10.1109/LED.2009.2021418

[Abstract](#) | Full Text: [PDF](#) (938 KB)

100. Smart Grid - enabling electricity networks of the future TODAY

SmartGrids for Distribution, 2008. IET-CIRED. CIRED Seminar
Volume , Issue , Date: 23-24 June 2008, Pages: 1-1

[Abstract](#) | Full Text: [PDF](#) (84 KB)

[Back to top](#)

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

© Copyright 2009 IEEE – All Rights Reserved

