

Institutional Sign In

BROWSE

MY SETTINGS

GET HELP

WHAT CAN I ACCESS?

SUBSCRIBE

Browse Journals & Magazines > IEEE Transactions on Informat ...> Volume:18 Issue:4

Polyphase codes with good periodic correlation properties (Corresp.)

 Full Text
Sign-In or Purchase

1 Author(s)
D. Chu

Abstract	Authors	References	Cited By	Keywords	Metrics	Similar
----------	---------	------------	----------	----------	---------	---------



643 Citations

IEEE Publications (550) | Other Publications (22) | Patents (71)

Cited by IEEE Publications (550)

1. Staphorst, L.; Schoeman, J.; Linde, L.P. "Performance evaluation of a joint source/channel coding scheme for DS/SSMA systems utilizing complex spreading sequences in multipath fading channel conditions", *Electrical and Computer Engineering, 2003. IEEE CCECE 2003. Canadian Conference on*, On page(s): 1679 - 1682 vol.3 Volume: 3, 4-7 May 2003
Abstract | Full Text: PDF (334KB)
2. Zepernick, H.; Hai Huyen Dam; Deepak, V. "Performance of polyphase spreading sequences with optimized cross-correlation properties [CDMA systems]", *Vehicular Technology Conference, 2003. VTC 2003-Fall. 2003 IEEE 58th*, On page(s): 957 - 961 Vol.2 Volume: 2, 6-9 Oct. 2003
Abstract | Full Text: PDF (275KB)
3. Siew, J.; Coon, J.; Piechocki, R.; Nix, A.; Beach, M.; Armour, S.; McGeehan, J. "A bandwidth efficient channel estimation algorithm for MIMO-SCFDE", *Vehicular Technology Conference, 2003. VTC 2003-Fall. 2003 IEEE 58th*, On page(s): 1142 - 1146 Vol.2 Volume: 2, 6-9 Oct. 2003
Abstract | Full Text: PDF (262KB)
4. Yik-Chung Wu; Chan, S.C.; Serpedin, E. "Symbol-timing synchronization in space-time coding systems using orthogonal training sequences", *Wireless Communications and Networking Conference, 2004. WCNC. 2004 IEEE*, On page(s): 1205 - 1209 Vol.2 Volume: 2, 21-25 March 2004
Abstract | Full Text: PDF (304KB)
5. Coon, J.; Armour, S.; Beach, M.; McGeehan, J. "Adaptive frequency-domain equalization for single-carrier MIMO systems", *Communications, 2004 IEEE International Conference on*, On page(s): 2487 - 2491 Vol.4 Volume: 4, 20-24 June 2004
Abstract | Full Text: PDF (492KB)
6. Zhenghui Gu; Shoulie Xie; Rahardja, S. "Performance analysis for DS-CDMA systems with UCHT

- signature sequences over fading channels", *Vehicular Technology Conference, 2004. VTC 2004-Spring. 2004 IEEE 59th*, On page(s): 1416 - 1420 Vol.3 Volume: 3, 17-19 May 2004
 Abstract | Full Text: PDF (632KB)
7. Wei, Hua; Hanzo, L. "Semi-blind and group-blind multiuser detection for the MC-CDMA uplink", *Vehicular Technology Conference, 2004. VTC 2004-Spring. 2004 IEEE 59th*, On page(s): 1727 - 1731 Vol.3 Volume: 3, 17-19 May 2004
 Abstract | Full Text: PDF (646KB)
8. Shoulie Xie; Rahardja, S.; Zhenghui Gu "Performance analysis for UCHT complex sequences in DS-CDMA downlink systems", *Vehicular Technology Conference, 2004. VTC2004-Fall. 2004 IEEE 60th*, On page(s): 724 - 728 Vol. 1 Volume: 1, 26-29 Sept. 2004
 Abstract | Full Text: PDF (520KB)
9. Reinhardt, S.; Weigel, R. "Pilot aided timing synchronization for SC-FDE and OFDM: a comparison", *Communications and Information Technology, 2004. ISCT 2004. IEEE International Symposium on*, On page(s): 628 - 633 vol.1 Volume: 1, 26-29 Oct. 2004
 Abstract | Full Text: PDF (658KB)
10. Lung-Sheng Tsai; Su, Yu.T. "Transform domain synthesis of communication sequences", *Communications, 2005. ICC 2005. 2005 IEEE International Conference on*, On page(s): 1092 - 1096 Vol. 2 Volume: 2, 16-20 May 2005
 Abstract | Full Text: PDF (232KB)
11. Bowei Song; Wenjun Zhang; Lin Gui "Comb type pilot aided channel estimation in space time block coded OFDM systems", *Wireless Communications, Networking and Mobile Computing, 2005. Proceedings. 2005 International Conference on*, On page(s): 202 - 206 Volume: 1, 23-26 Sept. 2005
 Abstract | Full Text: PDF (351KB)
12. Gacanin, H.; Takaoka, S.; Adachi, F. "Pilot-assisted channel estimation for OFDM/TDM with frequency-domain equalization", *Vehicular Technology Conference, 2005. VTC-2005-Fall. 2005 IEEE 62nd*, On page(s): 554 - 558 Volume: 1, 28-25 Sept., 2005
 Abstract | Full Text: PDF (240KB)
13. Yang Yang; Yong Huat Chew; Tjeng Thiang Tjhung "Training-based frequency-domain channel estimation for multiple-antenna transmissions over multipath channels", *Vehicular Technology Conference, 2005. VTC-2005-Fall. 2005 IEEE 62nd*, On page(s): 2263 - 2267 Volume: 4, 25-28 Sept., 2005
 Abstract | Full Text: PDF (143KB)
14. "IEEE Standard for Local and Metropolitan Area Networks --- Part 16: Air Interface for Fixed Broadband Wireless Access Systems--- Amendment 2: Medium Access Control Modifications and Additional Physical Layer Specifications for 2-11 GHz", *IEEE Std 802.16a-2003 (Amendment to IEEE Std 802.16-2001)*, On page(s): 0_1 - 292
 Abstract | Full Text: PDF (4479KB)
15. Rapajic, P.B.; Kennedy, R.A. "Merit factor based comparison of new polyphase sequences", *Communications Letters, IEEE*, On page(s): 269 - 270 Volume: 2, Issue: 10, Oct. 1998
 Abstract | Full Text: PDF (60KB)
16. Haring, L.; Bieder, S.; Czylik, A.; Kaiser, T. "Estimation algorithms of multiple channels and carrier frequency offsets in application to multiuser OFDM systems", *Wireless Communications, IEEE Transactions on*, On page(s): 865 - 870 Volume: 9, Issue: 3, March 2010
 Abstract | Full Text: PDF (245KB)
17. Levanen, T.; Pirskanen, J.; Koskela, T.; Talvitie, J.; Valkama, M. "Low latency radio interface for 5G flexible TDD local area communications", *Communications Workshops (ICC), 2014 IEEE*

International Conference on, On page(s): 7 - 13

Abstract | Full Text: PDF (304KB)

18. Bing Han; Zheng, Y.R. "Higher Rank Principal Kronecker Model for Triply Selective Fading Channels With Experimental Validation", *Vehicular Technology, IEEE Transactions on*, On page(s): 1654 - 1663 Volume: 64, Issue: 5, May 2015
Abstract | Full Text: PDF (1236KB)
19. Liru Lu; Dubey, V.K. "Extended orthogonal polyphase codes for multicarrier CDMA system", *Communications Letters, IEEE*, On page(s): 700 - 702 Volume: 8, Issue: 12, Dec. 2004
Abstract | Full Text: PDF (216KB)
20. Weina Yuan; Pingzhi Fan "Implicit MIMO Channel Estimation Without DC-Offset Based on ZCZ Training Sequences", *Signal Processing Letters, IEEE*, On page(s): 521 - 524 Volume: 13, Issue: 9, Sept. 2006
Abstract | Full Text: PDF (163KB)
21. Jiun Siew; Coon, J.; Piechocki, R.J.; Dowler, A.; Nix, A.; Beach, M.; Armour, S.; McGeehan, J. "A channel estimation algorithm for MIMO-SCFDE", *Communications Letters, IEEE*, On page(s): 555 - 557 Volume: 8, Issue: 9, Sept. 2004
Abstract | Full Text: PDF (160KB)
22. Sarwate, D.V.; Pursley, M.B. "Crosscorrelation properties of pseudorandom and related sequences", *Proceedings of the IEEE*, On page(s): 593 - 619 Volume: 68, Issue: 5, May 1980
Abstract | Full Text: PDF (2798KB)
23. Benedetto, J.J.; Donatelli, J.J. "Ambiguity Function and Frame-Theoretic Properties of Periodic Zero-Autocorrelation Waveforms", *Selected Topics in Signal Processing, IEEE Journal of*, On page(s): 6 - 20 Volume: 1, Issue: 1, June 2007
Abstract | Full Text: PDF (682KB)
24. Qingyu Zhu; Liu, Zhiqiang "Preamble Design for Multiple-Antenna OFDM", *Wireless Communications, IEEE Transactions on*, On page(s): 1123 - 1127 Volume: 7, Issue: 4, April 2008
Abstract | Full Text: PDF (259KB)
25. Hasegawa, F.; Okazaki, A.; Kubo, H.; Castelain, D.; Mottier, D. "A Novel PAPR Reduction Scheme for SC-OFDM with Frequency Domain Multiplexed Pilots", *Communications Letters, IEEE*, On page(s): 1345 - 1348 Volume: 16, Issue: 9, September 2012
Abstract | Full Text: PDF (266KB)
26. Chai, E.; Shin, K.G.; Jeongkeun Lee; Sung-Ju Lee; Etkin, R.H. "Fast Spectrum Shaping for Next-Generation Wireless Networks", *Mobile Computing, IEEE Transactions on*, On page(s): 20 - 34 Volume: 13, Issue: 1, Jan. 2014
Abstract | Full Text: PDF (1326KB)
27. Shoulie Xie; Rahardja, S.; Zhenghui Gu "Performance of DS-CDMA Downlink Systems With Orthogonal UCHT Complex Sequences", *Communications, IEEE Transactions on*, On page(s): 251 - 256 Volume: 55, Issue: 2, Feb. 2007
Abstract | Full Text: PDF (238KB)
28. Guixia Kang; Yu Yang; Ping Zhang; Hasselbach, P.; Klein, A. "Pilot Design for Inter-Cell Interference Mitigation in MIMO OFDM Systems", *Communications Letters, IEEE*, On page(s): 237 - 239 Volume: 11, Issue: 3, March 2007
Abstract | Full Text: PDF (134KB)
29. Yaobin Wen; Danilo-Lemoine, F. "A Postfix Synchronization Method for OFDM and MIMO-OFDM Systems", *Wireless Communications and Networking Conference, 2008. WCNC 2008. IEEE*, On page(s): 1 - 6

- Abstract | Full Text: PDF (208KB)
30. Qinghua Guo; Defeng Huang "GMP-Based Channel Estimation for Single-Carrier Transmissions over Doubly Selective Channels", *Signal Processing Letters, IEEE*, On page(s): 8 - 11 Volume: 17, Issue: 1, Jan. 2010
Abstract | Full Text: PDF (168KB)
31. Jo, Soor-Ki; Choi, Jeong-Min; Back, Jong-Scob; Scc, Jong-Soo "Channel Estimation with Optimal Power Controls in Amplify-and-Forward Relay Networks", *Wireless Communications Letters, IEEE*, On page(s): 10 - 13 Volume: 2, Issue: 1, February 2013
Abstract | Full Text: PDF (445KB)
32. Wasden, D.L.; Moradi, H.; Farhang-Boroujeny, B. "Design and Implementation of an Underlay Control Channel for Cognitive Radios", *Selected Areas in Communications, IEEE Journal on*, On page(s): 1875 - 1889 Volume: 30, Issue: 10, November 2012
Abstract | Full Text: PDF (1470KB)
33. Dimitrov, Svilen; Privitera, Niccolo; Suffritti, Rosalba; Boccolini, Gabriele; Awoseyila, Adegbenga B.; Evans, Barry G. "Spectrally efficient waveforms for the return link in satellite communication systems", *Networks and Communications (EuCNC). 2015 European Conference on*, On page(s): 6 - 10
Abstract | Full Text: PDF (1838KB)
34. Arlery, F.; Klein, M.; Lehmann, F. "Utilization of spreading codes as dedicated waveforms for Active Multi-Static Primary Surveillance Radar", *Radar Symposium (IRS), 2015 16th International*, On page(s): 327 - 332
Abstract | Full Text: PDF (429KB)
35. Diggavi, S.N.; Al-Dhahir, N.; Stamoulis, A.; Calderbank, A.R. "Great expectations: the value of spatial diversity in wireless networks", *Proceedings of the IEEE*, On page(s): 219 - 270 Volume: 92, Issue: 2, Feb 2004
Abstract | Full Text: PDF (1208KB)
36. Kim, Dongsik; Ui-Kun Kwon; Gi-Hong Im "Pilot Position Selection and Detection for Channel Estimation of SC-FDE", *Communications Letters, IEEE*, On page(s): 350 - 352 Volume: 12, Issue: 5, May 2008
Abstract | Full Text: PDF (198KB)
37. Jianwu Chen; Yik-Chung Wu; Shaodan Ma; Tung-Sang Ng "MI joint CFO and channel estimation in OFDM systems with timing ambiguity", *Wireless Communications, IEEE Transactions on*, On page(s): 2436 - 2440 Volume: 7, Issue: 7, July 2008
Abstract | Full Text: PDF (281KB)
38. Dharma, T.S.; Madhukumar, A.S.; Premkumar, A.B.; Adachi, F. "Estimation of CSI for LST BS-CDMA systems using special sequences with pre-defined spectral nulls", *Wireless Communications, IEEE Transactions on*, On page(s): 891 - 897 Volume: 9, Issue: 3, March 2010
Abstract | Full Text: PDF (380KB)
39. Figueiredo, F.A.P.; Mathilde, F.S.; Figueiredo, F.L.; Cardoso, F.A.C.M. "An FPGA-based time-domain frequency shifter with application to LTE and LTE-A systems", *Circuits & Systems (LASCAS), 2015 IEEE 6th Latin American Symposium on*, On page(s): 1 - 4
Abstract | Full Text: PDF (503KB)
40. Hai Deng "Polyphase code design for Orthogonal Netted Radar systems", *Signal Processing, IEEE Transactions on*, On page(s): 3126 - 3135 Volume: 52, Issue: 11, Nov. 2004
Abstract | Full Text: PDF (416KB)
41. Yingming Tsai; Guodong Zhang; Grieco, D.; Ozluturk, F. "Cell search in 3GPP long term evolution

- systems", *Vehicular Technology Magazine, IEEE*, On page(s): 23 - 29 Volume: 2, Issue: 2, June 2007
Abstract | Full Text: PDF (795KB)
42. Yang Yang; Xiaohu Tang; Zhengchun Zhou "Perfect Gaussian Integer Sequences of Odd Prime Length", *Signal Processing Letters, IEEE*, On page(s): 615 - 618 Volume: 19, Issue: 10, Oct. 2012
Abstract | Full Text: PDF (1399KB)
43. Coon, J.; Beach, M.; McGeehan, J. "Optimal training sequences for channel estimation in cyclic-prefix-based single-carrier systems with transmit diversity", *Signal Processing Letters, IEEE*, On page(s): 729 - 732 Volume: 11, Issue: 9, Sept. 2004
Abstract | Full Text: PDF (224KB)
44. Bowei Song; Lin Gui; Wenjun Zhang "Comb type pilot aided channel estimation in OFDM systems with transmit diversity", *Broadcasting, IEEE Transactions on*, On page(s): 50 - 57 Volume: 52, Issue: 1, March 2006
Abstract | Full Text: PDF (328KB)
45. Taejoon Kim; Love, D.J.; Skoglund, M.; Zhong-Yi Jin "An Approach to Sensor Network Throughput Enhancement by PHY-Aided MAC", *Wireless Communications, IEEE Transactions on*, On page(s): 670 - 684 Volume: 14, Issue: 2, Feb. 2015
Abstract | Full Text: PDF (1613KB)
46. Marcum, A.C.; Krogmeier, J.V.; Love, D.J.; Sprintson, A. "Analysis and Implementation of Asynchronous Physical Layer Network Coding", *Wireless Communications, IEEE Transactions on*, On page(s): 6595 - 6607 Volume: 14, Issue: 12, Dec. 2015
Abstract | Full Text: PDF (1525KB)
47. Mysore, N.; Bajcsy, J. "Linear-complexity detection with iterative processing for space-time coded systems", *Electrical and Computer Engineering, Canadian Journal of*, On page(s): 35 - 41 Volume: 29, Issue: 1/2, Jan.-April 2004
Abstract | Full Text: PDF (818KB)
48. Coon, J.P. "Generalized precoded block-spread CDMA", *Communications, IEEE Transactions on*, On page(s): 1919 - 1923 Volume: 57, Issue: 7, July 2009
Abstract | Full Text: PDF (304KB)
49. Akansu, A.N.; Agirman-Tosun, H. "Generalized Discrete Fourier Transform With Nonlinear Phase", *Signal Processing, IEEE Transactions on*, On page(s): 4547 - 4556 Volume: 58, Issue: 9, Sept. 2010
Abstract | Full Text: PDF (825KB)
50. Yamamoto, T.; Adachi, F. "2-Step Frequency-Domain Channel Estimation for Training Sequence Inserted Single-Carrier Block Transmission", *Vehicular Technology Conference (VTC Fall), 2012 IEEE*, On page(s): 1 - 5
Abstract | Full Text: PDF (291KB)
51. Jeong-Min Choi; Hak-Jin Kim; Sung-Ryul Yun; Youngho Oh; Zifeng Kui; Jong-Soo Seo "Improved transmission parameter signaling scheme utilizing cross-correlation properties of DFT-spread Chu sequence", *Broadband Multimedia Systems and Broadcasting (BMSB), 2014 IEEE International Symposium on*, On page(s): 1 - 4
Abstract | Full Text: PDF (147KB)
52. Lung-Sheng Tsai; Su, Yu.T. "Transform domain approach for sequence design and its applications", *Selected Areas in Communications, IEEE Journal on*, On page(s): 75 - 83 Volume: 24, Issue: 1, Jan. 2006
Abstract | Full Text: PDF (456KB)

53. Qingyu Zhu; Liu, Zhiqiang "Optimal design of constant-modulus training sequences with constrained length", *Communications, IEEE Transactions on*, On page(s): 1558 - 1562 Volume: 54, Issue: 9, Sept. 2006
Abstract | Full Text: PDF (176KB)
54. Benvenuto, N.; Dinis, R.; Falconer, D.; Tomasin, S. "Single Carrier Modulation With Nonlinear Frequency Domain Equalization: An Idea Whose Time Has Come—Again", *Proceedings of the IEEE*, On page(s): 69 - 96 Volume: 98, Issue: 1, Jan. 2010
Abstract | Full Text: PDF (1487KB)
55. Kushnerov, Maxim; Chouayakh, M.; Piyawanno, K.; Spinnler, B.; de Man, E.; Kainzmaier, P.; Alfiad, M.S.; Napoli, A.; Lankl, B. "Data-Aided Versus Blind Single-Carrier Coherent Receivers", *Photonics Journal, IEEE*, On page(s): 387 - 403 Volume: 2, Issue: 3, June 2010
Abstract | Full Text: PDF (1076KB)
56. Menglu Xia; Rouseff, D.; Ritcey, J.A.; Xiang Zou; Polprasert, C.; Wen Xu "Underwater Acoustic Communication in a Highly Refractive Environment Using SC-FDE", *Oceanic Engineering, IEEE Journal of*, On page(s): 491 - 499 Volume: 39, Issue: 3, July 2014
Abstract | Full Text: PDF (1764KB)
57. Ui-Kun Kwon; Kim, Dongsik; KiHo Kim; Gi-Hong Im "Amplitude Clipping and Iterative Reconstruction of STBC/SFBC-OFDM Signals", *Signal Processing Letters, IEEE*, On page(s): 808 - 811 Volume: 14, Issue: 11, Nov. 2007
Abstract | Full Text: PDF (193KB)
58. Paredes, J.A.; Aguilera, T.; Alvarez, F.J.; Fernandez, J.A.; Morera, J. "New pseudo-orthogonal family of polyphase codes to improve Doppler resilience", *Indoor Positioning and Indoor Navigation (IPIN), 2013 International Conference on*, On page(s): 1 - 8
Abstract | Full Text: PDF (887KB)
59. Zehua Wang; Wong, V.W.S. "Optimal Access Class Barring for Stationary Machine Type Communication Devices With Timing Advance Information", *Wireless Communications, IEEE Transactions on*, On page(s): 5374 - 5387 Volume: 14, Issue: 10, Oct. 2015
Abstract | Full Text: PDF (1408KB)
60. Sarwate, D.V. "Bounds on crosscorrelation and autocorrelation of sequences (Corresp.)", *Information Theory, IEEE Transactions on*, On page(s): 720 - 724 Volume: 25, Issue: 6, November 1979
Abstract | Full Text: PDF (579KB)
61. Yonghong Zeng; Leyman, A.R. "Pilot-based Fast Estimation of Frequency Offset and Channel for OFDM", *Vehicular Technology Conference, 2006. VTC 2006-Spring. IEEE 63rd*, On page(s): 1570 - 1574 Volume: 4, 7-10 May 2006
Abstract | Full Text: PDF (2585KB)
62. Chan-Tong Lam; Falconer, D.D.; Danilo-Lemoine, F. "Iterative frequency domain channel estimation for dft-precoded ofdm systems using in-band pilots", *Selected Areas in Communications, IEEE Journal on*, On page(s): 348 - 358 Volume: 26, Issue: 2, February 2008
Abstract | Full Text: PDF (915KB)
63. Benedetto, J.J.; Konstantinidis, I.; Ranganwamy, M. "Phase-Coded Waveforms and Their Design", *Signal Processing Magazine, IEEE*, On page(s): 22 - 31 Volume: 26, Issue: 1, Jan. 2009
Abstract | Full Text: PDF (2137KB)
64. Kilbom Lee; Joonsuk Kim; Jaehoon Jung; Inkyu Lee "Zadoff-Chu Sequence Based Signature Identification for OFDM", *Wireless Communications, IEEE Transactions on*, On page(s): 4932 - 4942 Volume: 12, Issue: 10, October 2013
Abstract | Full Text: PDF (599KB)

65. Velikova, D.; Tsvetkova, I.; Mihaylov, G. "An algorithm for synthesis of binary phase manipulated signals with almost constant periodic auto - correlation function", *Information Technology Based Higher Education and Training (ITHET)*, 2014, On page(s): 1 - 8
Abstract | Full Text: PDF (695KB)
66. Shaopeng Feng; Weiling Wu "DCT-based Channel Estimation Method for MIMO-OFDM Systems Using Phase Shifted Pilot Sequences", *Wireless Pervasive Computing, 2007. ISWPC '07. 2nd International Symposium on*,
Abstract | Full Text: PDF (112KB)
67. Guangliang Ren; Huining Zhang; Yilin Chang "SNR estimation algorithm based on the preamble for OFDM systems in frequency selective channels", *Communications, IEEE Transactions on*, On page(s): 2230 - 2234 Volume: 57, Issue: 8, Aug. 2009
Abstract | Full Text: PDF (216KB)
68. Magistretti, E.; Gurewitz, O.; Knightly, E.W. "802.11ec: Collision Avoidance Without Control Messages", *Networking, IEEE/ACM Transactions on*, On page(s): 1845 - 1858 Volume: 22, Issue: 6, Dec. 2014
Abstract | Full Text: PDF (1408KB)
69. Byung-Seo Kim "Link-Adaptive Physical Layer for Indoor Broadband Power-Line Communications", *Power Delivery, IEEE Transactions on*, On page(s): 103 - 110 Volume: 24, Issue: 1, Jan. 2009
Abstract | Full Text: PDF (974KB)
70. Boumard, S.; Mammela, A. "Robust and Accurate Frequency and Timing Synchronization Using Chirp Signals", *Broadcasting, IEEE Transactions on*, On page(s): 115 - 123 Volume: 55, Issue: 1, March 2009
Abstract | Full Text: PDF (676KB)
71. Kaneko, R.; Yunhan Wang; Maehara, F. "An adaptive SC-FDE transmission enhancing frequency diversity benefit", *Spread Spectrum Techniques and Applications (ISITA), 2010 IEEE 11th International Symposium on*, On page(s): 45 - 49
Abstract | Full Text: PDF (382KB)
72. Aboltins, A.; Misans, P. "Removal of super-imposed synchronization sequence using matched filter", *Radioelektronika (RADIOELEKTRONIKA), 2013 23rd International Conference*, On page(s): 84 - 88
Abstract | Full Text: PDF (700KB)
73. Fedorov, A.; Lyashev, V.; Rapoport, L. "Fast algorithm of LTE RACH detection based on sparse fourier transform", *Digital Information, Networking, and Wireless Communications (DINWC), 2015 Third International Conference on*, On page(s): 77 - 82
Abstract | Full Text: PDF (697KB)
74. Hasegawa, F.; Shinjo, S.; Okazaki, A.; Okamura, A.; Brunel, L.; Mottier, D. "Static sequence assisted out-of-band power suppression for DFT-s-CFDM", *Personal, Indoor, and Mobile Radio Communications (PIMRC), 2015 IEEE 26th Annual International Symposium on*, On page(s): 61 - 66
Abstract | Full Text: PDF (574KB)
75. Al-Dhahir, N.; Fragouli, C.; Stamoulis, A.; Younis, W.; Calderbank, R. "Space-time processing for broadband wireless access", *Communications Magazine, IEEE*, On page(s): 136 - 142 Volume: 40, Issue: 9, Sept. 2002
Abstract | Full Text: PDF (128KB)
76. Jingyu Hua; Limin Meng; Xiaojian Xu; Dongming Wang; Xiaohu You "Novel Scheme for Joint Estimation of SNR, Doppler, and Carrier Frequency Offset in Double-Selective Wireless

- Channels", *Vehicular Technology, IEEE Transactions on*, On page(s): 1204 - 1217 Volume: 58, Issue: 3, March 2009
Abstract | Full Text: PDF (506KB)
77. Jian Zhang; Zheng, Y.R. "Frequency-Domain Turbo Equalization with Soft Successive Interference Cancellation for Single Carrier MIMO Underwater Acoustic Communications", *Wireless Communications, IEEE Transactions on*, On page(s): 2872 - 2882 Volume: 10, Issue: 9, September 2011
Abstract | Full Text: PDF (1759KB)
78. Siddiqui, F.; Danilo-Lemoine, F.; Falconer, D. "Iterative Interference Cancellation and Channel Estimation for Mobile SC-FDE Systems", *Communications Letters, IEEE*, On page(s): 746 - 748 Volume: 12, Issue: 10, October 2008
Abstract | Full Text: PDF (190KB)
79. Morohashi, Tomo; Liao, Chun-Hao; Koizuka, Aoi; Suzuki, Makoto; Morikawa, Hiroyuki "A high-performance RACH detection scheme for random access overload in LTE-Advanced", *Standards for Communications and Networking (CSCN), 2015 IEEE Conference on*, On page(s): 1 - 6
Abstract | Full Text: PDF (611KB)
80. Larsen, Y.; Leus, G.; Giannakis, G.B. "Constant modulus and reduced PAPR block differential encoding for frequency-selective channels", *Communications, IEEE Transactions on*, On page(s): 622 - 631 Volume: 52, Issue: 4, April 2004
Abstract | Full Text: PDF (352KB)
81. Cresp, G.; Hai Huyen Dam; Zepernick, H. "Subset family design using a branch and bound technique", *Communications Theory Workshop, 2006. Proceedings. 7th Australian*, On page(s): 55 - 59
Abstract | Full Text: PDF (1783KB)
82. Minn, H.; Xiaoyu Fu; Bhargava, V.K. "Optimal periodic training signal for frequency offset estimation in frequency-selective fading channels", *Communications, IEEE Transactions on*, On page(s): 1081 - 1096 Volume: 54, Issue: 6, June 2006
Abstract | Full Text: PDF (991KB)
83. Lee, K.; Joohwan Chun "Frequency-Offset Estimation for MIMO and OFDM Systems Using Orthogonal Training Sequences", *Vehicular Technology, IEEE Transactions on*, On page(s): 146 - 156 Volume: 56, Issue: 1, Jan. 2007
Abstract | Full Text: PDF (346KB)
84. Yingming Tsai; Guodong Zhang; Xiaodong Wang "Polyphase codes for uplink OFDM-CDMA systems", *Communications, IEEE Transactions on*, On page(s): 435 - 444 Volume: 56, Issue: 3, March 2008
Abstract | Full Text: PDF (414KB)
85. Zhefeng Li; Xia, Xiang-Gen "PAPR Reduction for Repetition Space-Time-Frequency Coded MIMO-OFDM Systems Using Chu Sequences", *Wireless Communications, IEEE Transactions on*, On page(s): 1195 - 1202 Volume: 7, Issue: 4, April 2008
Abstract | Full Text: PDF (310KB)
86. Carni, E.; Spalvieri, A. "Synchronous CDMA based on the cyclical translations of a CAZAC sequence", *Wireless Communications, IEEE Transactions on*, On page(s): 1144 - 1147 Volume: 8, Issue: 3, March 2009
Abstract | Full Text: PDF (179KB)
87. Beinschob, P.; Lieberei, M.; Zolzer, U. "An error propagation prevention method for MIMO-OFDM RLS-DDCE-algorithms", *Wireless Communication Systems, 2009. ISWCS 2009. 6th International Symposium on*, On page(s): 31 - 35

- Abstract | Full Text: PDF (234KB)
88. Panah, A.Y.; Heath, R.W. "MIMO Two-Way Amplify-and-Forward Relaying With Imperfect Receiver CSI", *Vehicular Technology, IEEE Transactions on*, On page(s): 4377 - 4387 Volume: 59, Issue: 9, Nov. 2010
Abstract | Full Text: PDF (810KB)
89. Han Seung Jang; Su Min Kim; Kab Seok Ko; Jiyoung Cha; Dan Keun Sung "Spatial Group Based Random Access for M2M Communications", *Communications Letters, IEEE*, On page(s): 961 - 964 Volume: 18, Issue: 6, June 2014
Abstract | Full Text: PDF (4121KB)
90. Bin Sheng, Xiangyang Wang, Xiaohu You, Lan Chen "A simple pilot position detection technique for channel estimation of SC-FDE", *Communications Letters, IEEE*, On page(s): 420 - 422 Volume: 14, Issue: 5, May 2010
Abstract | Full Text: PDF (222KB)
91. Wang, Hung-Chin; Chin-Liang Wang "A Compact Preamble Design for Synchronization in Distributed MIMO OFDM Systems", *Vehicular Technology Conference (VTC Fall), 2011 IEEE*, On page(s): 1 - 4
Abstract | Full Text: PDF (220KB)
92. Xin Meng; Xiqi Gao; Xiang-Gen Xia "Omnidirectional Precoding Based Transmission in Massive MIMO Systems", *Communications, IEEE Transactions on*, On page(s): 174 - 186 Volume: 64, Issue: 1, Jan. 2016
Abstract | Full Text: PDF (924KB)
93. Frank, R. "Comments on Polyphase codes with good periodic correlation properties by Chu, David C.", *Information Theory, IEEE Transactions on*, On page(s): 244 - 244 Volume: 19, Issue: 2, March 1973
Abstract | Full Text: PDF (141KB)
94. Torii, H.; Nakamura, M.; Suehiro, N. "A new class of zero-correlation zone sequences", *Information Theory, IEEE Transactions on*, On page(s): 559 - 565 Volume: 50, Issue: 3, March 2004
Abstract | Full Text: PDF (248KB)
95. Yue Xiao; Shaoqian Li; Xia Lei; Youxi Tang "Clipping noise mitigation for channel estimation in OFDM systems", *Communications Letters, IEEE*, On page(s): 474 - 476 Volume: 10, Issue: 6, June 2006
Abstract | Full Text: PDF (149KB)
96. Yanxiang Jiang; Xiqi Gao; Xiaohu You; Wei Heng "Training Sequence Assisted Frequency Offset Estimation for MIMO OFDM", *Communications, 2006. ICC '06. IEEE International Conference on*, On page(s): 5371 - 5376 Volume: 12, June 2006
Abstract | Full Text: PDF (5983KB)
97. Roemer, F.; Haardt, M. "Tensor-Based Channel Estimation and Iterative Refinements for Two-Way Relaying With Multiple Antennas and Spatial Reuse", *Signal Processing, IEEE Transactions on*, On page(s): 5720 - 5735 Volume: 58, Issue: 11, Nov. 2010
Abstract | Full Text: PDF (1459KB)
98. Chunliang Yang; Mao Wang; Jianxin Wang; Feng Shu; Xiaohu You "Single-Tone Signaling Design for Intercell Interference Management With Applications to Femtocell Networks", *Vehicular Technology, IEEE Transactions on*, On page(s): 1242 - 1255 Volume: 63, Issue: 3, March 2014
Abstract | Full Text: PDF (1737KB)
99. Shuangcuan Wang; Abdi, A. "MIMO ISI Channel Estimation Using Uncorrelated Golay

- Complementary Sets of Polyphase Sequences", *Vehicular Technology, IEEE Transactions on*, On page(s): 3024 - 3039 Volume: 56, Issue: 5, Sept. 2007
Abstract | Full Text: PDF (453KB)
100. Liang Liu; Yong Liang Guan; Yanzhong Zhang; Dingrong Shao "Design and implementation of single-carrier MIMO transmission with frequency domain equalization", *Computer Science and Education (ICCSE), 2010 5th International Conference on*, On page(s): 56 - 60
Abstract | Full Text: PDF (338KB)
101. Koivisto, T.; Koivunen, V. "Low complexity estimation of multiple frequency offsets using optimized training signals", *Spread Spectrum Techniques and Applications (ISITA), 2010 IEEE 11th International Symposium on*, On page(s): 81 - 86
Abstract | Full Text: PDF (151KB)
102. Changzheng Ma; Tat Soon Yeo; Chee Seng Tan; Zhoufeng Liu "Three-Dimensional Imaging of Targets Using Colocated MIMO Radar", *Geoscience and Remote Sensing, IEEE Transactions on*, On page(s): 3009 - 3021 Volume: 49, Issue: 8, Aug. 2011
Abstract | Full Text: PDF (1310KB)
103. Zhang, Xingliang; Li, Yabo "Optimizing the MIMO Channel Estimation for LTE-Advanced Uplink", *Connected Vehicles and Expo (ICCVE), 2012 International Conference on*, On page(s): 71 - 76
Abstract | Full Text: PDF (263KB)
104. Orozco-Lugo, A.G.; Lara, M.M.; McLernon, D.C. "Channel estimation using implicit training", *Signal Processing, IEEE Transactions on*, On page(s): 240 - 254 Volume: 52, Issue: 1, Jan. 2004
Abstract | Full Text: PDF (368KB)
105. Shuangchi He; Tugnait, J.K.; Xiaohong Meng "On Superimposed Training for MIMO Channel Estimation and Symbol Detection", *Signal Processing, IEEE Transactions on*, On page(s): 3007 - 3021 Volume: 55, Issue: 6, June 2007
Abstract | Full Text: PDF (739KB)
106. Chin-Liang Wang; Wang, Hung-Chin "Optimized Joint Fine Timing Synchronization and Channel Estimation for MIMO Systems", *Communications, IEEE Transactions on*, On page(s): 1089 - 1098 Volume: 59, Issue: 4, April 2011
Abstract | Full Text: PDF (390KB)
107. Yinsheng Liu; Zhenhui Tan; Haibo Wang; Shaoyi Xu; Kyung Sup Kwak "Channel Estimation for Macrocellular OFDM Uplinks in Time-Varying Channels", *Vehicular Technology, IEEE Transactions on*, On page(s): 1709 - 1718 Volume: 61, Issue: 4, May 2012
Abstract | Full Text: PDF (286KB)
108. Fengwei Liu; Han Wei; Hongzhi Zhao; Youxi Tang "A novel channel estimation for MIMO SC-FDMA systems", *Communications, Circuits and Systems (ICCCAS), 2013 International Conference on*, On page(s): 96 - 99 Volume: 1, 15-17 Nov. 2013
Abstract | Full Text: PDF (241KB)
109. Qiwei Wang; Guangliang Ren; Jueying Wu "A Multiuser Detection Algorithm for Random Access Procedure With the Presence of Carrier Frequency Offsets in LTE Systems", *Communications, IEEE Transactions on*, On page(s): 3299 - 3312 Volume: 63, Issue: 9, Sept. 2015
Abstract | Full Text: PDF (673KB)
110. Cunat, C.; Boutillon, E. "Simplified Hardware Bit Correlator", *Communications Letters, IEEE*, On page(s): 531 - 533 Volume: 11, Issue: 6, June 2007
Abstract | Full Text: PDF (148KB)
111. Yanxiang Jiang; Minn, H.; Xiqi Gao; Xiaohu You; Yinghui Li "Frequency Offset Estimation and Training Sequence Design for MIMO OFDM", *Wireless Communications, IEEE Transactions on*,

On page(s): 1244 - 1254 Volume: 7, Issue: 4, April 2008

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

112. Zhongshan Zhang; Jian Liu; Keping Long "Low-Complexity Cell Search With Fast PSS Identification in LTE", *Vehicular Technology, IEEE Transactions on*, On page(s): 1719 - 1729 Volume: 61, Issue: 4, May 2012
[Abstract](#) | [Full Text: PDF \(1082KB\)](#)
113. Xin Wang; Xiaolin Hou; Harada, A. "Low-complexity synchronization method for symbol and frame timing in LTE systems", *Communications (APCC), 2012 18th Asia-Pacific Conference on*, On page(s): 79 - 84
[Abstract](#) | [Full Text: PDF \(304KB\)](#)
114. Hasegawa, F.; Okazaki, A.; Okamura, A.; Castelain, D.; Ciocchina-Duchesne, C.; Brunel, L.; Mottier, D. "Novel Dynamic and Static Methods for Out-of-Band Power Suppression in SC-OFDM", *Wireless Communications Letters, IEEE*, On page(s): 313 - 316 Volume: 4, Issue: 3, June 2015
[Abstract](#) | [Full Text: PDF \(534KB\)](#)
115. Pei Huang; Chin-Jung Liu; Xi Yang; Li Xiao "Efficient broadcast on fragmented spectrum in cognitive radio networks", *Computer Communications (INFOCOM), 2015 IEEE Conference on*, On page(s): 145 - 153
[Abstract](#) | [Full Text: PDF \(364KB\)](#)
116. Kebo, A.; Konstantinidis, I.; Benedetto, J.J.; Dellomo, M.R.; Sieracki, J.M. "Ambiguity and sidelobe behavior of CAZAC coded waveforms", *Radar Conference, 2007 IEEE*, On page(s): 99 - 103
[Abstract](#) | [Full Text: PDF \(1932KB\)](#)
117. Xiqi Gao; Bin Jiang; Xiaohu You; Zhiwen Pan; Yisheng Xue; Schulz, E. "Efficient Channel Estimation for MIMO Single-Carrier Block Transmission With Dual Cyclic Timeslot Structure", *Communications, IEEE Transactions on*, On page(s): 2210 - 2223 Volume: 55, Issue: 11, Nov. 2007
[Abstract](#) | [Full Text: PDF \(688KB\)](#)
118. Rimini, R.; Ma, J. "A Robust Frequency Tracking Loop at the eNodeB for LTE Uplink", *Spread Spectrum Techniques and Applications, 2008 IEEE 10th International Symposium on*, On page(s): 103 - 108
[Abstract](#) | [Full Text: PDF \(291KB\)](#)
119. Chen, Ching-Wei; Yen-Cheng Liu; Su, Yu.T. "Systematic constructions of zero-correlation zone sequences", *Information Theory, 2009. ISIT 2009. IEEE International Symposium on*, On page(s): 119 - 123
[Abstract](#) | [Full Text: PDF \(525KB\)](#)
120. Vergara, M.; Antreich, F.; Seco-Granados, G. "Two-dimensionally spread multicarrier CDMA ranging signals with PAPR lower than 3dB", *Localization and GNSS (ICL-GNSS), 2012 International Conference on*, On page(s): 1 - 8
[Abstract](#) | [Full Text: PDF \(401KB\)](#)
121. Roberson, J.; Xiaofei Dong; Zhi Ding "Channel Estimation and Equalization Techniques in Downsampled ARQ Systems", *Signal Processing, IEEE Transactions on*, On page(s): 2251 - 2262 Volume: 55, Issue: 5, May 2007
[Abstract](#) | [Full Text: PDF \(351KB\)](#)
122. Chih-Peng Li; Wei-Chieh Huang "A Constructive Representation for the Fourier Dual of the Zadoff-Chu Sequences", *Information Theory, IEEE Transactions on*, On page(s): 4221 - 4224 Volume: 53, Issue: 11, Nov. 2007
[Abstract](#) | [Full Text: PDF \(121KB\)](#)

123. Qinghua Guo; Defeng Huang "A Frequency Domain State-Space Approach to LS Estimation and Its Application in Turbo Equalization", *Signal Processing, IEEE Transactions on*, On page(s): 3288 - 3300 Volume: 59, Issue: 7, July 2011
Abstract | Full Text: PDF (783KB)
124. Hui Yang; Juhao Li; Bangjiang Lin; Song Jiang; Yongqi He; Zhangyuan Chen "Cost-Effective Upstream Scheme for the Next-Generation PON Based on Interleaved Frequency-Division Multiple Access", *Photonics Technology Letters, IEEE*, On page(s): 784 - 786 Volume: 24, Issue: 9, May1, 2012
Abstract | Full Text: PDF (425KB)
125. Zivkovic, M.; Mathar, R. "Zadoff-Chu sequence based time-domain SNR estimation for OFDM systems", *Signal Processing Advances in Wireless Communications (SPAWC), 2014 IEEE 15th International Workshop on*, On page(s): 110 - 114
Abstract | Full Text: PDF (1258KB)
126. Jeng-Kuang Hwang; Yu-Lun Chiu; Rih-Lung Chung "A New Class of MC-CDMA Systems Using Cyclic-Shift M-ary Biorthogonal Keying", *Intelligent Signal Processing and Communications, 2006. ISPACS '06. International Symposium on*, On page(s): 67 - 70
Abstract | Full Text: PDF (1352KB)
127. Jin-Ho Chung; Kyeongcheol Yang "Design of low correlation zone sequence sets of period kN ", *Information Theory, 2009. ISIT 2009. IEEE International Symposium on*, On page(s): 129 - 133
Abstract | Full Text: PDF (652KB)
128. Lung-Sheng Tsai; Wei-Ho Chung; Da-shan Shiu "Synthesizing Low Autocorrelation and Low PAPR OFDM Sequences Under Spectral Constraints Through Convex Optimization and GS Algorithm", *Signal Processing, IEEE Transactions on*, On page(s): 2234 - 2243 Volume: 59, Issue: 5, May 2011
Abstract | Full Text: PDF (1014KB)
129. Wenxuan Zhang; Jing Wang; Guixia Kang "A novel High Throughput Long Training Field sequence design for next-generation WLAN", *Wireless Telecommunications Symposium (WTS), 2011*, On page(s): 1 - 5
Abstract | Full Text: PDF (240KB)
130. Min Hua; Mao Wang; Yang, K.W.; Zou, K.J. "Analysis of the Frequency Offset Effect on Zadoff-Chu Sequence Timing Performance", *Communications, IEEE Transactions on*, On page(s): 4024 - 4039 Volume: 62, Issue: 11, Nov. 2014
Abstract | Full Text: PDF (2639KB)
131. Grieger, M.; Fettweis, G.P.; Kotzsch, V. "Multicell Propagation in a Realistic Macro Cellular Environment", *Wireless Communications, IEEE Transactions on*, On page(s): 5574 - 5587 Volume: 14, Issue: 10, Oct. 2015
Abstract | Full Text: PDF (4843KB)
132. Zheng, Y.R.; Chengshan Xiao "Channel Estimation for Frequency-Domain Equalization of Single-Carrier Broadband Wireless Communications", *Vehicular Technology, IEEE Transactions on*, On page(s): 815 - 823 Volume: 58, Issue: 2, Feb. 2009
Abstract | Full Text: PDF (1092KB)
133. Pezeshki, A.; Calderbank, A.R.; Moran, W.; Howard, S.D. "Doppler Resilient Golay Complementary Waveforms", *Information Theory, IEEE Transactions on*, On page(s): 4254 - 4266 Volume: 54, Issue: 9, Sept. 2008
Abstract | Full Text: PDF (978KB)
134. Ui-Kun Kwon; Dae-Young Seol; Gi-Hong Im "Spectral efficient transmit diversity techniques without cyclic prefix for fading relay channels", *Communications, IEEE Transactions on*, On

page(s): 568 - 577 Volume: 58, Issue: 2, February 2010

[Abstract](#) | [Full Text: PDF \(626KB\)](#)

135. Jae Wor Kang; Younghoon Whang; Hyung Yeol Lee; Kwang Soon Kim "Optimal Pilot Sequence Design for Multi-Cell MIMO-OFDM Systems", *Wireless Communications, IEEE Transactions on*, On page(s): 3354 - 3367 Volume: 10, Issue: 10, October 2011
[Abstract](#) | [Full Text: PDF \(1045KB\)](#)
136. Cheol Jeong; JeongHo Park; Hyunkyu Yu "Random access in millimeter-wave beamforming cellular networks: issues and approaches", *Communications Magazine, IEEE*, On page(s): 180 - 185 Volume: 53, Issue: 1, January 2015
[Abstract](#) | [Full Text: PDF \(203KB\)](#)
137. Coon, J.; Armour, S.; Beach, M.; McGeehan, J. "Adaptive frequency-domain equalization for single-carrier multiple-input multiple-output wireless transmissions", *Signal Processing, IEEE Transactions on*, On page(s): 3247 - 3256 Volume: 53, Issue: 8, Aug. 2005
[Abstract](#) | [Full Text: PDF \(736KB\)](#)
138. Asadullah, M.M.G.; Stuber, G.L. "Joint iterative channel estimation and soft-chip combining for a MIMO MC-CDMA anti-jam system", *Communications, IEEE Transactions on*, On page(s): 1068 - 1078 Volume: 57, Issue: 4, April 2009
[Abstract](#) | [Full Text: PDF \(395KB\)](#)
139. Yuejie Chi; Gomaa, A.; Al-Dhahir, N.; Calderbank, A.R. "Training Signal Design and Tradeoffs for Spectrally-Efficient Multi-User MIMO-OFDM Systems", *Wireless Communications, IEEE Transactions on*, On page(s): 2234 - 2245 Volume: 10, Issue: 7, July 2011
[Abstract](#) | [Full Text: PDF \(422KB\)](#)
140. Min Hua; Mao Wang; Wenjie Yang; Xiaohu You; Feng Shu; Jianxin Wang; Weixing Sheng; Qian Chen "Analysis of the Frequency Offset Effect on Random Access Signals", *Communications, IEEE Transactions on*, On page(s): 4728 - 4740 Volume: 61, Issue: 11, November 2013
[Abstract](#) | [Full Text: PDF \(2451KB\)](#)
141. Kongara, G.; Taylor, D.P.; Martin, P.A. "Space-Frequency Decision Feedback Equalizer", *Vehicular Technology, IEEE Transactions on*, On page(s): 1626 - 1639 Volume: 60, Issue: 4, May 2011
[Abstract](#) | [Full Text: PDF \(1813KB\)](#)
142. Ho-Hsuan Chang; Chih-Peng Li; Chong-Dao Lee; Sen-Hung Wang; Tsung-Cheng Wu "Perfect Gaussian Integer Sequences of Arbitrary Composite Length", *Information Theory, IEEE Transactions on*, On page(s): 4107 - 4115 Volume: 61, Issue: 7, July 2015
[Abstract](#) | [Full Text: PDF \(522KB\)](#)
143. Shoulie Xie; Rahardja, S. "Performance evaluation for quaternary DS-SSMA communications with complex signature sequences over Rayleigh-fading channels", *Wireless Communications, IEEE Transactions on*, On page(s): 266 - 277 Volume: 4, Issue: 1, Jan. 2005
[Abstract](#) | [Full Text: PDF \(456KB\)](#)
144. Brodzik, A.K.; Tolimieri, R. "Polyphase sequences with good correlation properties", *Waveform Diversity and Design Conference, 2009 International*, On page(s): 86 - 89
[Abstract](#) | [Full Text: PDF \(367KB\)](#)
145. Ciocchina-Duchesne, C.; Castelain, D.; Bouttier, A. "Satellite profile in DVB-NGH", *Advanced Satellite Multimedia Systems Conference (ASMS) and 12th Signal Processing for Space Communications Workshop (SPSC), 2012 6th*, On page(s): 182 - 188
[Abstract](#) | [Full Text: PDF \(571KB\)](#)
146. Yasukawa, S.; Kawamura, T.; Kishiyama, Y.; Taoka, H.; Andoh, H. "Influence of antenna

- configuration on achievable throughput in real indoor propagation environment for 2-by-2 single-user MIMO in LTE-advanced uplink", *Signals, Systems, and Electronics (ISSSE), 2012 International Symposium on*, On page(s): 1 - 6
Abstract | Full Text: PDF (898KB)
147. Jun Zou; Mao Wang; Jingjing Zhang; Feng Shu; Jianxin Wang; Yuwen Qian; Weixing Sheng; Qian Chen "Discovery Signal Design and its Application to Peer-to-Peer Communications in OFDMA Cellular Networks", *Wireless Communications, IEEE Transactions on*, On page(s): 3995 - 4009
Volume: 12, Issue: 8, August 2013
Abstract | Full Text: PDF (833KB)
148. Yuh-Rer Tsai; Hao-Yun Huang; Yen-Chen Chen; Ka-Jie Yang "Simultaneous Multiple Carrier Frequency Offsets Estimation for Coordinated Multi-Point Transmission in OFDM Systems", *Wireless Communications, IEEE Transactions on*, On page(s): 4558 - 4568
Volume: 12, Issue: 9, September 2013
Abstract | Full Text: PDF (561KB)
149. Pei Huang; Xi Yang; Li Xiao "Dynamic channel bonding in multicarrier wireless networks", *Network Protocols (ICNP), 2013 21st IEEE International Conference on*, On page(s): 1 - 10
Abstract | Full Text: PDF (371KB)
150. Tae-Kyo Lee; Kyeongcheol Yang "On the correlation properties of generalized chirp-like sequences and their application", *Signal Design and Its Applications in Communications, The Sixth International Workshop on*, On page(s): 88 - 91
Abstract | Full Text: PDF (608KB)
151. Tugnait, J.K.; Xiaohong Meng "On superimposed training for channel estimation: performance analysis, training power allocation, and frame synchronization", *Signal Processing, IEEE Transactions on*, On page(s): 752 - 765
Volume: 54, Issue: 2, Feb. 2006
Abstract | Full Text: PDF (504KB)
152. Brodzik, A.K.; Tolimieri, R. "Bat Chirps With Good Properties: Zak Space Construction of Perfect Polyphase Sequences", *Information Theory, IEEE Transactions on*, On page(s): 1804 - 1814
Volume: 55, Issue: 4, April 2009
Abstract | Full Text: PDF (812KB)
153. Gacanin, H.; Adachi, F. "Nonlinear decision-feedback equalization for OFDM in a fast fading channel", *Personal, Indoor and Mobile Radio Communications, 2009 IEEE 20th International Symposium on*, On page(s): 2648 - 2652
Abstract | Full Text: PDF (556KB)
154. Ki-Hyeon Park; Hong-Yeop Song; Dae San Kim; Golomb, S.W. "Optimal Families of Perfect Polyphase Sequences From the Array Structure of Fermat-Quotient Sequences", *Information Theory, IEEE Transactions on*, On page(s): 1076 - 1086
Volume: 62, Issue: 2, Feb. 2016
Abstract | Full Text: PDF (737KB)
155. Yik-Chung Wu; Chan, S.C.; Serpedin, E. "Symbol-timing estimation in space-time coding systems based on orthogonal training sequences", *Wireless Communications, IEEE Transactions on*, On page(s): 603 - 613
Volume: 4, Issue: 2, March 2005
Abstract | Full Text: PDF (536KB)
156. Nam Yul Yu; Guang Gong "New Binary Sequences With Optimal Autocorrelation Magnitude", *Information Theory, IEEE Transactions on*, On page(s): 4771 - 4779
Volume: 54, Issue: 10, Oct. 2008
Abstract | Full Text: PDF (404KB)
157. Juinn-Horng Deng; Shu-Min Liao "A Low-PAPR Differential Frequency Shift Orthogonal Keying Transceiver for Multi-Carrier Spread Spectrum Communication System over High Mobility

- Multipath Channels", *Vehicular Technology Conference, 2009. VTC Spring 2009. IEEE 69th*, On page(s): 1 - 5
 Abstract | Full Text: PDF (283KB)
158. Gabidulin, E.M.; Shorin, V.V. "Unimodular perfect sequences of length ps ", *Information Theory, IEEE Transactions on*, On page(s): 1163 - 1166 Volume: 51, Issue: 3, March 2005
 Abstract | Full Text: PDF (192KB)
159. Coon, J.; Sandell, M.; Beach, M.; McGeehan, J. "Channel and noise variance estimation and tracking algorithms for unique-word based single-carrier systems", *Wireless Communications, IEEE Transactions on*, On page(s): 1488 - 1496 Volume: 5, Issue: 6, June 2006
 Abstract | Full Text: PDF (662KB)
160. Cresp, G.; Hai Huyen Dam; Zepernick, H. "Design of Sequence Family Subsets Using a Branch and Bound Technique", *Information Theory, IEEE Transactions on*, On page(s): 3847 - 3857 Volume: 55, Issue: 8, Aug. 2009
 Abstract | Full Text: PDF (349KB)
161. Prodan, I.; Obara, T.; Adachi, F.; Gacanin, H. "Pilot-assisted channel estimation without feedback for bi-directional broadband ANC", *Communications (APCC), 2011 17th Asia-Pacific Conference on*, On page(s): 157 - 162
 Abstract | Full Text: PDF (1020KB)
162. Brodzik, A.K. "On design of perfect polyphase sequence sets satisfying the distinct difference condition", *Signal Design and its Applications in Communications (IWSDA), 2011 Fifth International Workshop on*, On page(s): 84 - 87
 Abstract | Full Text: PDF (196KB)
163. Taejoon Kim; Love, D.J. "Virtual AoA and AoD estimation for sparse millimeter wave MIMO channels", *Signal Processing Advances in Wireless Communications (SPAWC), 2015 IEEE 16th International Workshop on*, On page(s): 146 - 150
 Abstract | Full Text: PDF (203KB)
164. Sen-Hung Wang; Chih-Peng Li; Ho-Hsuan Chang; Chong-Dao Lee "A Systematic Method for Constructing Sparse Gaussian Integer Sequences With Ideal Periodic Autocorrelation Functions", *Communications, IEEE Transactions on*, On page(s): 365 - 376 Volume: 64, Issue: 1, Jan. 2016
 Abstract | Full Text: PDF (656KB)
165. Zrnic, D. "Weather radar - recent developments and trends", *Microwaves, Radar and Remote Sensing Symposium, 2008. MRRS 2008*, On page(s): 174 - 178
 Abstract | Full Text: PDF (1241KB)
166. Jiujiu Ai; Guangrong Yue; Xiantao Cheng; Shaoqian Li "Low complexity RLS channel estimation for SC-FDE in 60 GHz communications", *Communication Technology (ICCT), 2012 IEEE 14th International Conference on*, On page(s): 186 - 191
 Abstract | Full Text: PDF (147KB)
167. Jamil, M.; Zepernick, H.-J.; Pettersson, M.I. "Performance Assessment of Polyphase Pulse Compression Codes", *Spread Spectrum Techniques and Applications, 2008 IEEE 10th International Symposium on*, On page(s): 166 - 172
 Abstract | Full Text: PDF (549KB)
168. Jae Wor Kang; Younghoon Whang; Byung Hoon Ko; Kwang Soon Kim "Generalized Cross-Correlation Properties of Chu Sequences", *Information Theory, IEEE Transactions on*, On page(s): 438 - 444 Volume: 58, Issue: 1, Jan. 2012
 Abstract | Full Text: PDF (2723KB)
169. Dong Liang; Dongwen Niu; Zhang, B.H.; Keyuan Fu; Bo, Z.Q. "A design and implementation of

- timing synchronization algorithm for OFDM-based powerline communication", *Power Line Communications and Its Applications (ISPLC), 2012 16th IEEE International Symposium on*, On page(s): 212 - 217
 Abstract | Full Text: PDF (490KB)
170. Aboltins, A. "Block synchronization using a unique word for a generalized unitary rotation based communication system", *Electronics Conference (BEC), 2012 13th Biennial Baltic*, On page(s): 149 - 152
 Abstract | Full Text: PDF (94KB)
171. Guang Gong; Fei Huo; Yang Yang "Large Zero Autocorrelation Zones of Golay Sequences and Their Applications", *Communications, IEEE Transactions on*, On page(s): 3967 - 3979 Volume: 61, Issue: 9, September 2013
 Abstract | Full Text: PDF (701KB)
172. Jun Tan; Stuber, G.L. "Multicarrier spread spectrum system with constant envelope: antijamming, jamming estimation, multiuser access", *Wireless Communications, IEEE Transactions on*, On page(s): 1527 - 1538 Volume: 4, Issue: 4, July 2005
 Abstract | Full Text: PDF (312KB)
173. Seung-Hwan Choi; Jong-Seob Baek; Jae-Shin Han; Jong-Soo Seo "Channel Estimations Using Extended Orthogonal Codes for AF Multiple-Relay Networks Over Frequency-Selective Fading Channels", *Vehicular Technology, IEEE Transactions on*, On page(s): 417 - 423 Volume: 63, Issue: 1, Jan. 2014
 Abstract | Full Text: PDF (927KB)
174. Yao-Chia Chan; Po-Hsuan Tseng; Ding-Bing Lin; Hsin-Piao Lin "Maximal power path detection for OFDM timing-advanced synchronization schemes", *Personal Indoor and Mobile Radio Communications (PIMRC), 2013 IEEE 24th International Symposium on*, On page(s): 192 - 196
 Abstract | Full Text: PDF (282KB)
175. Ui-Kun Kwon; Kim, Dongsik; Gi-Hong Im "Amplitude clipping and iterative reconstruction of MIMO-OFDM signals with optimum equalization", *Wireless Communications, IEEE Transactions on*, On page(s): 268 - 277 Volume: 8, Issue: 1, Jan. 2009
 Abstract | Full Text: PDF (722KB)
176. Juhao Li; Su Zhang; Fan Zhang; Zhangyuan Chen "Comparison of Transmission Performances for CO-SCFDE and CO-OFDM Systems", *Photonics Technology Letters, IEEE*, On page(s): 1054 - 1056 Volume: 22, Issue: 14, July 15, 2010
 Abstract | Full Text: PDF (479KB)
177. Yi Huang; Aiqun Hu; Yongming Huang; Shengdong Xie; Delai Zhu; Mingfu Xue "An Integer Time Delay Estimation Algorithm Based on Zadoff-Chu Sequence in OFDM Systems", *Vehicular Technology, IEEE Transactions on*, On page(s): 2941 - 2947 Volume: 63, Issue: 6, July 2014
 Abstract | Full Text: PDF (507KB)
178. Jong-Hoon Kim; Ki-Young Sung; Young-Ho Jung; Taasoo Kwon; Jihyung Kim; Moon-Sik Lee "Design of synchronization preambles for LTE-Advanced D2D communications", *Ubiquitous and Future Networks (ICUFN), 2014 Sixth International Conf on*, On page(s): 138 - 139
 Abstract | Full Text: PDF (195KB)
179. Dyer, J.S.; Natarajan, B. "Designing DS-CDMA spreading sequences via a low-complexity deterministic approach", *Wireless Communications, IEEE Transactions on*, On page(s): 302 - 312 Volume: 6, Issue: 1, Jan. 2007
 Abstract | Full Text: PDF (622KB)
180. Cierny, M.; Janis, P.; Wichman, R.; Ribeiro, C. "Exclusion regions via handshaking protocol for inter-cell interference management", *Information Sciences and Systems (CISS), 2011 45th Annual*

Conference on, On page(s): 1 - 6

Abstract | Full Text: PDF (670KB)

181. Zilong Wang; Guang Gong "New Sequences Design From Weil Representation With Low Two-Dimensional Correlation in Both Time and Phase Shifts", *Information Theory, IEEE Transactions on*, On page(s): 4600 - 4611 Volume: 57, Issue: 7, July 2011
Abstract | Full Text: PDF (307KB)
182. Shaw, C.; Rice, M. "Optimum Pilot Sequences for Data-Aided Synchronization", *Communications, IEEE Transactions on*, On page(s): 2546 - 2556 Volume: 61, Issue: 6, June 2013
Abstract | Full Text: PDF (677KB)
183. Yu-Tai Tsai; Jeng-Da Li; Jeng Kuang Hwang "Joint CFO-multiuser channel estimation for SC-FDMA uplink system with CAZAC sounding reference sequence", *Telecommunications and Signal Processing (TSP), 2013 36th International Conference on*, On page(s): 175 - 180
Abstract | Full Text: PDF (2088KB)
184. de Figueiredo, F.A.P.; Mathilde, F.S.; Cardoso, F.A.C.M.; Vilela, R.M.; Miranda, J.P. "Efficient Frequency Domain Zadoff-Chu generator with application to LTE and LTE-A systems", *Telecommunications Symposium (ITS), 2014 International*, On page(s): 1 - 5
Abstract | Full Text: PDF (525KB)
185. Gul, M.M.U.; Xiaoli Ma; Sungeun Lee "Timing and Frequency Synchronization for OFDM Downlink Transmissions Using Zadoff-Chu Sequences", *Wireless Communications, IEEE Transactions on*, On page(s): 1716 - 1729 Volume: 14, Issue: 3, March 2015
Abstract | Full Text: PDF (1373KB)
186. Shandilya, S.; Charipadi, G.; Jain, A.; Senapati, S.; Paruchuri, L. "A robust method to estimate SINR in LTE/LTE-A uplink control channel", *Advanced Computing and Communication Systems, 2015 International Conference on*, On page(s): 1 - 7
Abstract | Full Text: PDF (1041KB)
187. Dharma, T.S.; Madhukumar, A.S.; Premkumar, A.B.; Xiaoming Peng "On Channel Estimation for Layered Space-Time Block Spread CDMA Systems", *Vehicular Technology Conference, 2006. VTC 2006-Spring. IEEE 63rd*, On page(s): 1722 - 1727 Volume: 4, 7-10 May 2006
Abstract | Full Text: PDF (1421KB)
188. Siddiqui, F.; Danilo-Lemoine, F.; Falconer, D. "On Interference in Uplink SDMA SC-FDE system", *Communication Networks and Services Research, 2007. CNSR '07. Fifth Annual Conference on*, On page(s): 231 - 238
Abstract | Full Text: PDF (752KB)
189. Jian Zhang; Zheng, Y.R.; Chengshan Xiao; Ben Letaief, K. "Channel Equalization and Symbol Detection for Single-Carrier MIMO Systems in the Presence of Multiple Carrier Frequency Offsets", *Vehicular Technology, IEEE Transactions on*, On page(s): 2021 - 2030 Volume: 59, Issue: 4, May 2010
Abstract | Full Text: PDF (1093KB)
190. Wei-Wen Hu; Sen-Hung Wang; Chih-Peng Li "Gaussian Integer Sequences With Ideal Periodic Autocorrelation Functions", *Signal Processing, IEEE Transactions on*, On page(s): 6074 - 6079 Volume: 60, Issue: 11, Nov. 2012
Abstract | Full Text: PDF (356KB)
191. Yamamoto, T.; Adachi, F. "A Novel Receiver Design for Training Sequence Inserted OFDM Transmission", *Vehicular Technology Conference (VTC Fall), 2013 IEEE 78th*, On page(s): 1 - 5
Abstract | Full Text: PDF (332KB)
192. Juinn-Horng Deng; Shu-Min Liao "A Low-PAPR Multiplexed MC-CDMA System with Enhanced

- Data Rate over Multipath Channels", *Vehicular Technology Conference (VTC 2010-Spring), 2010 IEEE 71st*, On page(s): 1 - 5
 Abstract | Full Text: PDF (286KB)
193. Qinghua Guo; Defeng Huang "EM-Based Joint Channel Estimation and Detection for Frequency Selective Channels Using Gaussian Message Passing", *Signal Processing, IEEE Transactions on*, On page(s): 4030 - 4035 Volume: 59, Issue: 8, Aug. 2011
 Abstract | Full Text: PDF (259KB)
194. Young-Tae Kim; Dae San Kim; Hong-Yeop Song "New \mathcal{M} -Ary Sequence Families With Low Correlation From the Array Structure of Sidelnikov Sequences", *Information Theory, IEEE Transactions on*, On page(s): 655 - 670 Volume: 61, Issue: 1, Jan. 2015
 Abstract | Full Text: PDF (969KB)
195. Yun-He Cao; Xiang-Gen Xia "IRCI-Free MIMO-OFDM SAR Using Circularly Shifted Zadoff-Chu Sequences", *Geoscience and Remote Sensing Letters, IEEE*, On page(s): 1126 - 1130 Volume: 12, Issue: 5, May 2015
 Abstract | Full Text: PDF (572KB)
196. Ping Zhen; Honglin Hu; Haifeng Wang; Hsiao-Hwa Chen "An efficient random access scheme for OFDMA systems with implicit message transmission", *Wireless Communications, IEEE Transactions on*, On page(s): 2790 - 2797 Volume: 7, Issue: 7, July 2008
 Abstract | Full Text: PDF (419KB)
197. Yafei Hou; Hase, T. "Improvement on the Channel Estimation of Pilot Cyclic Prefixed Single Carrier (PCP-SC) System", *Signal Processing Letters, IEEE*, On page(s): 719 - 722 Volume: 16, Issue: 8, Aug. 2009
 Abstract | Full Text: PDF (540KB)
198. Biao Huang; Jun Wang; Wanbin Tang; Shaoqian Li "An effective synchronization scheme for NC-OFDM systems in cognitive radio context", *Wireless Information Technology and Systems (ICWITS), 2010 IEEE International Conference on*, On page(s): 1 - 4
 Abstract | Full Text: PDF (272KB)
199. Yang Yang; Yong Huat Chew; Tjeng Thiang Tjhung "Frequency-domain Channel Frequency Response Estimation for Space-Time Coded MIMO Systems", *Communications, 2006. ICC '06. IEEE International Conference on*, On page(s): 3123 - 3128 Volume: 7, June 2006
 Abstract | Full Text: PDF (7547KB)
200. Gacanin H.; Adachi, F. "Performance of OFDM/TDM with MMSE-FDE Using Pilot-Assisted Channel Estimation", *Wireless Communications and Networking Conference, 2007.WCNC 2007. IEEE*, On page(s): 222 - 226
 Abstract | Full Text: PDF (289KB)
201. Aboltins, A.; Misans, P. "Generalized unitary rotation based precoder for super-imposing of synchronization sequences in OFDM", *ITS Telecommunications (ITST), 2013 13th International Conference on*, On page(s): 261 - 265
 Abstract | Full Text: PDF (417KB)
202. Bin Sheng "Enhanced OFDM-based ranging method for space applications", *Aerospace and Electronic Systems, IEEE Transactions on*, On page(s): 1606 - 1609 Volume: 50, Issue: 2, April 2014
 Abstract | Full Text: PDF (326KB)
203. Wei Jiang; Daoben Li "Full-Diversity Spreading Codes for Multicarrier CDMA Systems", *Military Communications Conference, 2006. MILCOM 2006. IEEE*, On page(s): 1 - 6
 Abstract | Full Text: PDF (6274KB)

204. En Zhou; Yuyu Yan; Wenbo Wang "A Novel Timing Synchronization Method for Localized OFDMA Uplink System", *Communications, 2006. ICC '06. IEEE International Conference on*, On page(s): 5086 - 5090 Volume: 11, June 2006
Abstract | Full Text: PDF (277KB)
205. Kaijie Zhou; Nikaein, N. "Packet aggregation for machine type communications in LTE with random access channel", *Wireless Communications and Networking Conference (WCNC), 2013 IEEE*, On page(s): 262 - 267
Abstract | Full Text: PDF (362KB)
206. Tae-Kyo Lee; Kyeongcheol Yang "Partial-Period Correlations of Zadoff-Chu Sequences and Their Relatives", *Information Theory, IEEE Transactions on*, On page(s): 5791 - 5802 Volume: 60, Issue: 9, Sept. 2014
Abstract | Full Text: PDF (529KB)
207. Su Hu; Gang Wu; Wenhui Xiong; Lili Dan; Yue Xiao; Shu Fang "On designing quasi-ZCZ sequences under spectral constraints and its applications for cognitive radio networks", *Communications Workshops (ICC), 2014 IEEE International Conference on*, On page(s): 290 - 295
Abstract | Full Text: PDF (381KB)
208. Donarski, A.; Lamahewa, T.; Sorensen, J. "Downlink LTE synchronization: A software defined radio approach", *Signal Processing and Communication Systems (ICSPCS), 2014 8th International Conference on*, On page(s): 1 - 9
Abstract | Full Text: PDF (547KB)
209. Luji Cui; Hao Zhang; Xiu Liu; Gulliver, T.A. "A ranging method for 60GHz OFDM system based on improved preamble sequence", *Communications, Computers and Signal Processing (PACRIM), 2015 IEEE Pacific Rim Conference on*, On page(s): 246 - 251
Abstract | Full Text: PDF (725KB)
210. Trubuil, J.; Le Gall, T.; Chonavel, T. "Synchronization, Doppler and channel estimation for OFDM underwater acoustic communications", *OCEANS 2014 - TAIPEI*, On page(s): 1 - 6
Abstract | Full Text: PDF (1035KB)
211. Beixiong Zheng; Fangjiong Chen; Quansheng Guan; Miaowen Wen; Hua Yu; Fei Ji "Novel Pilot Design and Signal Detection for SC-FDE Systems With Frequency-Domain Pilot Multiplexing Technique", *Communications Letters, IEEE*, On page(s): 1466 - 1469 Volume: 19, Issue: 8, Aug. 2015
Abstract | Full Text: PDF (391KB)
212. Sachidananda, M.; Zrnic, D.S. "Phase coding for the resolution of range ambiguities in Doppler weather radar", *Signals, Systems & Computers, 1997. Conference Record of the Thirty-First Asilomar Conference on*, On page(s): 265 - 268 vol.1 Volume: 1, 2-5 Nov. 1997
Abstract | Full Text: PDF (436KB)
213. Hong-Yu Liu; Yen, R.Y. "Effective Adaptive Iteration Algorithm for Frequency Tracking and Channel Estimation in OFDM Systems", *Vehicular Technology, IEEE Transactions on*, On page(s): 2093 - 2097 Volume: 59, Issue: 4, May 2010
Abstract | Full Text: PDF (179KB)
214. Azari, A.; Esfahani, S.N.; Roozbahani, M.G. "A New Method for Timing Synchronization in OFDM Systems Based on Polyphase Sequences", *Vehicular Technology Conference (VTC 2010-Spring), 2010 IEEE 71st*, On page(s): 1 - 5
Abstract | Full Text: PDF (654KB)
215. JaeWon Kang; KiJun Jeon; Young Jin Sang; Kwang Soon Kim "Synchronization signal design for cell search in 3GPP-LTE HCN", *Signal Design and its Applications in Communications (IWSDA), 2011 Fifth International Workshop on*, On page(s): 150 - 153

Abstract | Full Text: PDF (226KB)

216. Zilong Wang; Guang Gong; Nam Yul Yu "New Polyphase Sequence Families With Low Correlation Derived From the Weil Bound of Exponential Sums", *Information Theory, IEEE Transactions on*, On page(s): 3990 - 3998 Volume: 59, Issue: 6, June 2013

Abstract | Full Text: PDF (2858KB)

217. Yonghong Zeng; Wing Seng Leon; Ying-Chang Liang; Leyman, A.R. "A New Method for Frequency Offset and Channel Estimation in OFDM", *Communications, 2006. ICC '06. IEEE International Conference on*, On page(s): 4606 - 4611 Volume: 10, June 2006

Abstract | Full Text: PDF (620KB)

218. Lieberei, M.; Zolzer, U. "MIMO channel measurements with different antennas in different environments", *Smart Antennas (WSA), 2010 International ITG Workshop on*, On page(s): 318 - 325

Abstract | Full Text: PDF (510KB)

219. Petrolati, D.; Angeletti, P.; Toso, G. "New Piecewise Linear Polyphase Sequences Based on a Spectral Domain Synthesis", *Information Theory, IEEE Transactions on*, On page(s): 4890 - 4898 Volume: 58, Issue: 7, July 2012

Abstract | Full Text: PDF (1318KB)

220. Nam Yul Yu; Lu Gan "Convolutional Compressed Sensing Using Decimated Sidelnikov Sequences", *Signal Processing Letters, IEEE*, On page(s): 591 - 594 Volume: 21, Issue: 5, May 2014

Abstract | Full Text: PDF (1185KB)

221. Bo Qiang; Bin Jiang; Xiqi Gao "Pilot sequence design for GEO multi-beam MIMO satellite communication system", *Wireless Communications and Signal Processing (WCSP), 2014 Sixth International Conference on*, On page(s): 1 - 5

Abstract | Full Text: PDF (214KB)

222. Lieberei, M.; Zolzer, U. "MIMO channel measurements inside an aircraft cabin with planar transmit antennas", *Communications (MICC), 2009 IEEE 9th Malaysia International Conference on*, On page(s): 229 - 233

Abstract | Full Text: PDF (372KB)

223. Benfatto Davide; Privitera, Niccolo; Suffritti, Rosalba; Awoseyila, Adegbenga; Evans, Barry G.; Dimitrov, Svilen "On acquisition and tracking methods for SC-FDMA over satellite", *Advanced Satellite Multimedia Systems Conference and the 13th Signal Processing for Space Communications Workshop (ASMS/SPSC), 2014 7th*, On page(s): 352 - 359

Abstract | Full Text: PDF (1578KB)

224. Noguchi, N.; Sawahashi, M.; Nagata, S. "Cell Search Time Performance Using Same Frequency Spectrum for Heterogeneous Networks Including Indoor Small Cells", *Autonomous Decentralized Systems (ISADS), 2015 IEEE Twelfth International Symposium on*, On page(s): 254 - 259

Abstract | Full Text: PDF (302KB)

225. Eun-jeong Kwon; Jungyup Jang; Dongho You; Dong Ho Kim "Synchronization scheme for free-viewpoint television using Zadoff-Chu sequence", *Consumer Electronics (ISCE), 2015 IEEE International Symposium on*, On page(s): 1 - 2

Abstract | Full Text: PDF (121KB)

226. Majid, A.; Moradi, H.; Farhang-Boroujeny, B. "Secure information transmission in filter bank multi-carrier spread spectrum systems", *Military Communications Conference, MILCOM 2015 - 2015 IEEE*, On page(s): 287 - 293

Abstract | Full Text: PDF (610KB)

227. Feng Xirxin; Han Yubing; Bi Yifeng; Cheng Shixin "Threshold-based ML Channel Estimation for OFDM System in Sparse Wireless Channel", *Microwave, Antenna, Propagation and EMC Technologies for Wireless Communications, 2007 International Symposium on*, On page(s): 1208 - 1214
Abstract | Full Text: PDF (655KB)
228. Chin-Liang Wang; Hung-Chin Wang; Yi-Hsiu Chen "A Synchronization Scheme Based on Interleaved Partial Zadoff-Chu Sequences for Cooperative MIMO Systems", *Vehicular Technology Conference (VTC Fall), 2013 IEEE 78th*, On page(s): 1 - 5
Abstract | Full Text: PDF (319KB)
229. Jiaqi Zhang; Ning Ge; Zhaocheng Wang; Sheng Chen "Fast Antijamming Timing Acquisition Using Multilayer Synchronization Sequence", *Vehicular Technology, IEEE Transactions on*, On page(s): 3497 - 3503 Volume: 62, Issue: 7, Sept. 2013
Abstract | Full Text: PDF (798KB)
230. Feng Xi; Shengyao Chen; Zhong Liu "Quadrature Compressive Sampling for Radar Signals", *Signal Processing, IEEE Transactions on*, On page(s): 2787 - 2802 Volume: 62, Issue: 11, June 1, 2014
Abstract | Full Text: PDF (4602KB)
231. Yanxiang Jiang; Minn, H.; Xiaohu You; Xiqi Gao "Simplified Frequency Offset Estimation for MIMO OFDM Systems", *Vehicular Technology, IEEE Transactions on*, On page(s): 3246 - 3251 Volume: 57, Issue: 5, Sept. 2008
Abstract | Full Text: PDF (398KB)
232. Yue Wang; Coon, J. "Suboptimal precoder design for BS-CDMA systems using Chu sequences as the spreading codes", *Communications, Computers and Signal Processing (PacRim), 2011 IEEE Pacific Rim Conference on*, On page(s): 310 - 315
Abstract | Full Text: PDF (171KB)
233. Gowda, N.M.; Ramanath, S. "Robust synchronization-signal detection for cell identification in 3GPP LTE and LTE-advanced receivers", *Communication Systems and Networks (COMSNETS), 2015 7th International Conference on*. On page(s): 1 - 6
Abstract | Full Text: PDF (1094KB)
234. Mercer, I. "Merit Factor of Chu Sequences and Best Merit Factor of Polyphase Sequences", *Information Theory, IEEE Transactions on*, On page(s): 6083 - 6086 Volume: 59, Issue: 9, Sept. 2013
Abstract | Full Text: PDF (940KB)
235. Akansu, A.N.; Agirman-Tosun, H. "Generalized discrete Fourier transform: Theory and design methods", *Sarnoff Symposium, 2009. SARNOFF '09. IEEE*, On page(s): 1 - 7
Abstract | Full Text: PDF (1371KB)
236. Kuriyama, T.; Yoshida, H.; Taira, A.; Maehara, F.; Takahata, F. "Performance of Periodic Spectrum Transmission for Single-Carrier with Frequency-Domain Equalization using Channel Coding", *Communications and Electronics, 2006. ICCE '06. First International Conference on*, On page(s): 96 - 101
Abstract | Full Text: PDF (6211KB)
237. Dan Wang; Ling-Ge Jiang; Chen He "Robust noise variance and channel estimation for SC-FDE UWB systems under narrowband interference", *Wireless Communications, IEEE Transactions on*, On page(s): 3249 - 3259 Volume: 8, Issue: 6, June 2009
Abstract | Full Text: PDF (424KB)
238. Yew Kuan Min; Jeoti, V. "A Novel Signal Independent Technique for PAPR Reduction in OFDM Systems", *Signal Processing, Communications and Networking, 2007. ICSCN '07. International*

Conference on, On page(s): 308 - 311

Abstract | Full Text: PDF (4227KB)

239. Kedia, D.; Duhan, M.; Maskara, S.L. "Evaluation of correlation properties of Orthogonal spreading codes for CDMA wireless mobile communication", *Advance Computing Conference (IACC), 2010 IEEE 2nd International*, On page(s): 325 - 330
Abstract | Full Text: PDF (389KB)
240. Feng Xirxin; Feng Xinxin; Sun Jintao; Cheng Shixin "Channel estimation and equalization for OFDM system in sparse time-variant channel", *Intelligent Signal Processing and Communication Systems, 2007. ISPACS 2007. International Symposium on*, On page(s): 224 - 227
Abstract | Full Text: PDF (1114KB)
241. Tseng, Pin-Kai; Sen-Hung Wang; Chih-Peng Li "A Novel Low Complexity Cell Search Scheme for LTE Systems", *Vehicular Technology Conference (VTC 2010-Spring), 2010 IEEE 71st*, On page(s): 1 - 5
Abstract | Full Text: PDF (414KB)
242. Pelinkovic, A.; Djukanovic, S.; Djurovic, I.; Simeunovic, M. "A frequency domain method for the carrier frequency offset estimation in OFDM systems", *Image and Signal Processing and Analysis (ISPA), 2013 8th International Symposium on*, On page(s): 326 - 330
Abstract | Full Text: PDF (282KB)
243. Sourour, E.A.; Amer, M. "Frequency domain synchronization and cell search in 3GPP LTE Systems", *Computing, Networking and Communications (ICNC), 2015 International Conference on*, On page(s): 341 - 345
Abstract | Full Text: PDF (379KB)
244. Thill, M.; Hassibi, B. "Group Frames With Few Distinct Inner Products and Low Coherence", *Signal Processing, IEEE Transactions on*, On page(s): 5222 - 5237 Volume: 63, Issue: 19, Oct.1, 2015
Abstract | Full Text: PDF (3809KB)
245. Osseiran, A.; Logothetis, A.; Slimane, S.B. "Pilot Design Criteria for Single Carrier Frequency Domain Equalization on a Real-Time DSP-Based MIMO Test-Bed", *Vehicular Technology Conference, 2006. VTC-2006 Fall. 2006 IEEE 64th*, On page(s): 1 - 4
Abstract | Full Text: PDF (134KB)
246. Trigui, I.; Affes, S.; Stephenne, A.; Siala, M. "ML-based joint estimation of frequency and sampling clock offsets for OFDM systems". *Signal Processing Advances in Wireless Communications. 2008. SPAWC 2008. IEEE 9th Workshop on*, On page(s): 346 - 350
Abstract | Full Text: PDF (1584KB)
247. Kawamura, T.; Kishiyama, Y.; Higuchi, K.; Sawahashi, M. "Investigations on Optimum Reference Signal Structure for Single-Carrier FDMA Radio Access in Evolved UTRA Uplink", *Signals, Systems and Electronics, 2007. ISSSE '07. International Symposium on*, On page(s): 259 - 262
Abstract | Full Text: PDF (1695KB)
248. Amini, P.; Furse, C.; Farhang-Boroujeny, B. "Filterbank Multicarrier Reflectometry for Cognitive Live Wire Testing", *Sensors Journal, IEEE*, On page(s): 1831 - 1837 Volume: 9, Issue: 12, Dec. 2009
Abstract | Full Text: PDF (586KB)
249. Yang Hongbing; Zhou Jianjiang; Wang Fei; Zhang Zhenkai "Design and analysis of Costas/PSK RF stealth signal waveform", *Radar (Radar), 2011 IEEE CIE International Conference on*, On page(s): 1247 - 1250 Volume: 2, 24-27 Oct. 2011
Abstract | Full Text: PDF (100KB)

250. Dongjun Lee; Donghoon Lee; Wonjun Hwang; Hyung-Jin Choi "A timing synchronization method for D2D communication in asynchronous cellular system", *Communications (APCC), 2014 Asia-Pacific Conference on*, On page(s): 366 - 371
Abstract | Full Text: PDF (1857KB)
251. Nishikawa, D.; Kishiyama, Y.; Higuchi, K.; Sawahashi, M. "Investigation on optimum control interval for intra-cell fractional TPC using AMC for shared channel in Evolved UTRA uplink", *Wireless Communication Systems. 2008. ISWCS '08. IEEE International Symposium on*, On page(s): 284 - 289
Abstract | Full Text: PDF (296KB)
252. Yaobin Wen; Danilo-Lemoine, F. "A Novel Postfix Synchronization Method for OFDM Systems", *Personal, Indoor and Mobile Radio Communications, 2007. PIMRC 2007. IEEE 18th International Symposium on*, On page(s): 1 - 5
Abstract | Full Text: PDF (372KB)
253. Li Lei; Sun Enchang; Zhang Yanhua "A Method for PAPR Reduction Using Pilot Sequences in SC-FDMA", *Wireless Communications Networking and Mobile Computing (WiCOM), 2010 6th International Conference on*, On page(s): 1 - 6
Abstract | Full Text: PDF (364KB)
254. Li, K.; Lu Gan; Cong Ling "Convolutional Compressed Sensing Using Deterministic Sequences", *Signal Processing, IEEE Transactions on*, On page(s): 740 - 752 Volume: 61, Issue: 3, Feb.1, 2013
Abstract | Full Text: PDF (3237KB)
255. Yunhe Cao; Xiang-Gen Xia; Shenghua Wang "IRCI free range reconstruction for co-located MIMO-OFDM radar", *Signal and Information Processing (ChinaSIP), 2015 IEEE China Summit and International Conference on*, On page(s): 314 - 318
Abstract | Full Text: PDF (246KB)
256. Wenjun Wang; Xiaoguang Wu; Guixia Kang "Pilot Sequence Design Scheme for Inter-Cell Interference Mitigation in OFDM Systems under Time-Varying Channels", *Vehicular Technology Conference, 2008. VTC Spring 2008. IEEE*, On page(s): 314 - 318
Abstract | Full Text: PDF (293KB)
257. Miyake, Y.; Komatsu, K.; Oguma, H.; Izuka, N.; Kameda, S.; Iwata, M.; Suematsu, N.; Takagi, T.; Tsubouchi, K. "ASIC implementation of multimode frequency domain equalizer for heterogeneous wireless system", *Personal Indoor and Mobile Radio Communications (PIMRC), 2013 IEEE 24th International Symposium on*, On page(s): 397 - 402
Abstract | Full Text: PDF (546KB)
258. Levanen, T.A.; Pirskanen, J.; Koskela, T.; Talvitie, J.; Valkama, M. "Radio Interface Evolution Towards 5G and Enhanced Local Area Communications", *Access, IEEE*, On page(s): 1005 - 1029 Volume: 2, 2014
Abstract | Full Text: PDF (16228KB)
259. Wai Ho Mow "On the decimations of Frank sequences", *Communications, IEEE Transactions on*, On page(s): 751 - 753 Volume: 43, Issue: 2/3/4, Feb./March/April 1995
Abstract | Full Text: PDF (256KB)
260. Hongting Zhang; Hsiao-Chun Wu "Robust Pilot Detection Techniques for Channel Estimation and Symbol Detection in OFDM Systems", *Signal Processing Letters, IEEE*, On page(s): 733 - 737 Volume: 22, Issue: 6, June 2015
Abstract | Full Text: PDF (1074KB)
261. Baden, J.M.; Davis, M.S.; Schmieder, L. "Efficient energy gradient calculations for binary and polyphase sequences", *Radar Conference (RadarCon), 2015 IEEE*, On page(s): 0304 - 0309

- Abstract | Full Text: PDF (336KB)
262. Song, J.; Babu, P.; Palomar, D.P. "Sequence Design to Minimize the Weighted Integrated and Peak Sidelobe Levels", *Signal Processing, IEEE Transactions on*, On page(s): 2051 - 2064
Volume: 64, Issue: 8, April 15, 2016
Abstract | Full Text: PDF (3453KB)
263. Isa, A.A.M.; Othman, M.H.; Isa, M.S.M.; Haron, N.Z.; Zakaria, Z.; Zin, M.S.I.M. "Utilising MIMO for positioning in mobile WiMAX systems", *Wireless Technology and Applications (ISWTA), 2013 IEEE Symposium on*, On page(s): 7 - 10
Abstract | Full Text: PDF (318KB)
264. Carlowitz, C.; Vossiek, M.; Esswein, A.; Weigel, R. "Synthesis of pulsed frequency modulated ultra wideband radar signals based on stepped phase shifting", *Ultra-Wideband (ICUWB), 2012 IEEE International Conference on*, On page(s): 343 - 346
Abstract | Full Text: PDF (711KB)
265. Fan Yang; Xi Zhang "Robust Time-Domain Fine Symbol Synchronization for OFDM-Based Packet Transmission Using CAZAC Preamble", *Military Communications Conference, MILCOM 2013 - 2013 IEEE*, On page(s): 436 - 440
Abstract | Full Text: PDF (242KB)
266. Gowda, N.M.; Ramanath, S. "Analysis of impact of integer frequency offset on acquisition of PSS in LTE cellular networks", *Electronics, Computing and Communication Technologies (CONECCT), 2015 IEEE International Conference on*, On page(s): 1 - 5
Abstract | Full Text: PDF (670KB)
267. An Li; Xi Chen; Guanjun Gao; Shieh, W. "Transmission of 1 Tb/s Unique-Word DFT-Spread OFDM Superchannel Over 8000 km EDFA-Only SSMF Link", *Lightwave Technology, Journal of*, On page(s): 3931 - 3937
Volume: 30, Issue: 24, Dec. 15, 2012
Abstract | Full Text: PDF (1172KB)
268. Hiltunen, S.; Loubaton, P.; Chevalier, P. "Large System Analysis of a GLRT for Detection With Large Sensor Arrays in Temporally White Noise", *Signal Processing, IEEE Transactions on*, On page(s): 5409 - 5423
Volume: 63, Issue: 20, Oct. 15, 2015
Abstract | Full Text: PDF (3851KB)
269. Namyoon Lee; Joohwan Chun "Orthogonal pulse compression code design for waveform diversity in multistatic radar systems", *Radar Conference, 2008. RADAR '08. IEEE*, On page(s): 1 - 6
Abstract | Full Text: PDF (222KB)
270. Yafeng Wang; Aoyang Zheng; Junfeng Zhang; Dacheng Yang "A novel channel estimation algorithm for sounding reference signal in LTE uplink transmission", *Communications Technology and Applications, 2009. ICCTA '09. IEEE International Conference on*, On page(s): 412 - 415
Abstract | Full Text: PDF (91KB)
271. Do, C.C.; Tran, A.V.; Chen Zhu; Simin Chen; Anderson, T.; Hewitt, D.; Skafidas, E. "Data-Aided Chromatic Dispersion Estimation for Polarization Multiplexed Optical Systems", *Photonics Journal, IEEE*, On page(s): 2037 - 2049
Volume: 4, Issue: 5, Oct. 2012
Abstract | Full Text: PDF (1460KB)
272. Jenschak, J.D.; Stiles, J.M. "A fast method for designing optimal transmit codes for radar", *Radar Conference, 2008. RADAR '08. IEEE*, On page(s): 1 - 6
Abstract | Full Text: PDF (379KB)
273. Epple, U.; Brandes, S.; Gligorevic, S.; Schnell, M. "Receiver optimization for L-DACS1", *Digital Avionics Systems Conference, 2009. DASC '09. IEEE/AIAA 28th*, On page(s): 4.B.1-1 - 4.B.1-12
Abstract | Full Text: PDF (495KB)

274. Shuangcuan Wang; Abdi, A. "MIMO frequency selective channel estimation using aperiodic complementary sets of sequences", *Global Telecommunications Conference, 2005. GLOBECOM '05. IEEE*, On page(s): 5 pp. - 2243 Volume: 4, 2-2 Dec. 2005
Abstract | Full Text: PDF (251KB)
275. Lianyou Jing; Jianguo Huang "Cyclic shift keying spread spectrum OFDM method over underwater acoustic channel", *Signal Processing, Communication and Computing (ICSPCC), 2012 IEEE International Conference on*, On page(s): 798 - 801
Abstract | Full Text: PDF (871KB)
276. Kyriakides, Ioannis; Konstantinidis, I.; Morrell, D.; Benedetto, J.J.; Papandreou-Suppappola, A. "Target tracking using particle filtering and CAZAC sequences", *Waveform Diversity and Design Conference, 2007. International*, On page(s): 367 - 371
Abstract | Full Text: PDF (1106KB)
277. Xin Wang; Heung-Gyoon Ryu "Timing offset and frequency offsets in multi-band receiver system", *ICT Convergence (ICTC), 2012 International Conference on*, On page(s): 313 - 317
Abstract | Full Text: PDF (170KB)
278. Zhenyu Zhang; Fanxin Zeng; Wei Chen; Zhiyong Shi "Grouped complementary codes for multicarrier CDMA systems", *Information Theory, 2009. ISIT 2009. IEEE International Symposium on*, On page(s): 443 - 447
Abstract | Full Text: PDF (704KB)
279. Gong Ping; Zheng, J.; Niu Kai; Tiejun Lv; Weiling Wu "A timing synchronization scheme for space-time cooperative relay OFDM system", *Wireless and Optical Communications Networks, 2009. WOCN '09. IFIP International Conference on*, On page(s): 1 - 5
Abstract | Full Text: PDF (2357KB)
280. Xiang Liu; Hanzo, L. "Exact BER performance of asynchronous DS-SS systems using quadriphase spreading and QPSK modulation over rayleigh channels", *Wireless Communications and Networking Conference, 2006. WCNC 2006. IEEE*, On page(s): 1125 - 1129 Volume: 2, 3-6 April 2006
Abstract | Full Text: PDF (160KB)
281. Yew Kuan Min; Jeoti, V. "PAPR analysis of precoding-based OFDM systems", *Intelligent and Advanced Systems, 2007. ICIAS 2007. International Conference on*, On page(s): 457 - 461
Abstract | Full Text: PDF (422KB)
282. Zhenyu Zhang; Fanxin Zeng; Guixin Xuan "Design of complementary sequence sets based on orthogonal matrixes", *Communications, Circuits and Systems (ICCCAS), 2010 International Conference on*, On page(s): 383 - 387
Abstract | Full Text: PDF (352KB)
283. Xiaoyi Hu; Ru Xu; Wei Wei; Jing Liu; Yongjun Xie "A novel scheme of Timing Synchronization For OFDM Underwater Communication System", *OCEANS 2008 - MTS/IEEE Kobe Techno-Ocean*, On page(s): 1 - 5
Abstract | Full Text: PDF (3248KB)
284. Lilin Dan; Jin Wang; Xu He; Shaoqian Li "A Phase Recovering Scheme for Blind PTS-OFDM Receiver over Pilot Symbols", *Communications and Mobile Computing (CMC), 2010 International Conference on*, On page(s): 408 - 412 Volume: 2, 12-14 April 2010
Abstract | Full Text: PDF (285KB)
285. Polprasert, C.; Ritcey, J.A. "Performance of the bit-interleaved frequency domain turbo equalization over experimental underwater acoustic channels", *Signals, Systems and Computers, 2008 42nd Asilomar Conference on*, On page(s): 433 - 437
Abstract | Full Text: PDF (315KB)

286. de Figueiredo, F.A.P.; Miranda, J.P.C.L.; Cardoso, F.A.C.M.; Lenzi, K.G.; Bianco Filho, J.A.; Figueiredo, F.L. "A modified CA-CFAR method for LTE random access detection", *Signal Processing and Communication Systems (ICSPCS), 2013 7th International Conference on*, On page(s): 1 - 6
Abstract | Full Text: PDF (3471KB)
287. Qiongjie Lin; Weitnauer, M.A. "Diversity in synchronization for scheduled OFDM time-division cooperative transmission", *Military Communications Conference, MILCOM 2015 - 2015 IEEE*, On page(s): 570 - 575
Abstract | Full Text: PDF (1976KB)
288. Li Li; Ping Zhou "Synchronization for B3G MIMO OFDM in DL Initial Acquisition by CAZAC Sequence", *Communications, Circuits and Systems Proceedings, 2006 International Conference on*, On page(s): 1035 - 1039 Volume: 2, 25-28 June 2006
Abstract | Full Text: PDF (4847KB)
289. Ogawa, Y.; Takata, T.; Iwai, T.; Imamura, D.; Hiramatsu, K.; Miya, K. "Pilot signal generation scheme using frequency dependent cyclic shift sequence for inter-cell interference mitigation", *Radio and Wireless Symposium, 2009. RWS '09. IEEE*, On page(s): 421 - 424
Abstract | Full Text: PDF (1771KB)
290. Chen Zhu; Tran, A.V.; Do, C.C.; Simin Chen; Anderson, T.; Skafidas, E. "Digital Signal Processing for Training-Aided Coherent Optical Single-Carrier Frequency-Domain Equalization Systems", *Lightwave Technology, Journal of*, On page(s): 4712- 4722 Volume: 32, Issue: 24, Dec.15, 15 2014
Abstract | Full Text: PDF (969KB)
291. Shu Feng; Bi Yi-feng; Wang Jian-xin; Cheng Shi-xin "Channel Estimation and Equalization for OFDM Wireless System with Medium Doppler Spread", *Wireless Communications, Networking and Mobile Computing, 2007. WiCom 2007. International Conference on*, On page(s): 403 - 407
Abstract | Full Text: PDF (222KB)
292. Lianjun Deng; Kawamura, T.; Taoka, H.; Sawahashi, M. "Comparative study of open-loop transmit diversity schemes with four antennas in DFT-precoded OFDMA using turbo FDE and iterative channel estimation", *Communication Systems (ICCS), 2012 IEEE International Conference on*, On page(s): 513 - 518
Abstract | Full Text: PDF (704KB)
293. Juan Zheng; Jing Han; Jingyang Lv; Weiling Wu "A Novel Timing and Frequency Synchronization Scheme for MIMO OFDM System", *Wireless Communications, Networking and Mobile Computing, 2007. WiCom 2007. International Conference on*, On page(s): 420 - 423
Abstract | Full Text: PDF (140KB)
294. Levanen, T.; Renfors, M. "Improved energy efficiency for wireless SC MIMO through data-dependent superimposed training", *Communications Control and Signal Processing (ISCCSP), 2012 5th International Symposium on*, On page(s): 1 - 6
Abstract | Full Text: PDF (876KB)
295. Coelho, F.; Dinis, R.; Montezuma, P. "Efficient Chanrel Estimation for OFDM and SC-FDE Schemes", *Computer Communications and Networks (ICCCN), 2011 Proceedings of 20th International Conference on*, On page(s): 1 - 7
Abstract | Full Text: PDF (293KB)
296. Feng Wang; Yu Zhu "An efficient CFO estimation algorithm for the downlink of 3GPP-LTE", *Wireless Communications and Signal Processing (WCSP), 2011 International Conference on*, On page(s): 1 - 6
Abstract | Full Text: PDF (547KB)

297. Jiangnan Lin; Kai Xie; Yongtao Su; Yiqing Zhou; Yanbin Yao; Jinglin Shi "Parallelized generation of ZC/ZC-DFT sequences in vector DSP", *Wireless Communications and Networking Conference (WCNC), 2015 IEEE*, On page(s): 621 - 625
Abstract | Full Text: PDF (198KB)
298. Das, S.; Al-Dhahir, N.; Calderbank, A.R. "Exploiting algebraic structure in cross-layer design", *Wireless Networks, Communications and Mobile Computing, 2005 International Conference on*, On page(s): 1466 - 1471 vol.2 Volume: 2, 13-16 June 2005
Abstract | Full Text: PDF (1224KB)
299. Kawai, H.; Taoka, H.; Higuchi, K.; Sawahashi, M. "Performance Evaluation of Closed-Loop based Antenna Switching Transmit Diversity Associated with Frequency Domain Channel-Dependent Scheduling in E-UTRA Uplink", *Personal, Indoor and Mobile Radio Communications, 2007. PIMRC 2007. IEEE 18th International Symposium on*. On page(s): 1 - 5
Abstract | Full Text: PDF (900KB)
300. Siddiqui, F.; Danilo-Lemoine, F.; Falconer, D. "PIC Assisted IBDFE Based Iterative Spatial Channel Estimation with Intra and Inter-Cell Interference in SC-FDE System", *Vehicular Technology Conference, 2007. VTC-2007 Fall. 2007 IEEE 66th*, On page(s): 501 - 505
Abstract | Full Text: PDF (422KB)
301. Jenschak, J.; Stiles, J. "Computation of QAM radar transmit signals with low autocorrelation side lobes", *Radar Conference, 2009 IEEE*, On page(s): 1 - 5
Abstract | Full Text: PDF (303KB)
302. Ozluturk, F.M.; Tantarana, S.; Lam, A.W. "Performances of DS/SSMA communications with MPSK signaling and complex signature sequences", *Communications, IEEE Transactions on*, On page(s): 1127 - 1133 Volume: 43, Issue: 2/3/4, Feb./March/April 1995
Abstract | Full Text: PDF (768KB)
303. Aboltins, A. "Carrier frequency offset estimator based on unique word cross-correlation", *Telecommunications Forum (TELFOR), 2012 20th*, On page(s): 486 - 489
Abstract | Full Text: PDF (120KB)
304. Kun Cai; Xiao Li; Yik-Chung Wu "Bayesian CFO Estimation in OFDM Systems", *Wireless Communications and Networking Conference, 2009. WCNC 2009. IEEE*, On page(s): 1 - 5
Abstract | Full Text: PDF (254KB)
305. Kaijie Zhou; Nikaein, N.; Knopp, R.; Bonnet, C. "Contention Based Access for Machine-Type Communications over LTE". *Vehicular Technology Conference (VTC Spring), 2012 IEEE 75th*, On page(s): 1 - 5
Abstract | Full Text: PDF (204KB)
306. En Zhou; Hui Zhao; Wenbo Wang "Timing Synchronization for Interleaved OFDMA Uplink System". *Communications, Circuits and Systems Proceedings, 2006 International Conference on*, On page(s): 1147 - 1152 Volume: 2, 25-28 June 2006
Abstract | Full Text: PDF (5925KB)
307. Yang Wen; Wei Huang; Zhongpei Zhang "CAZAC sequence and its application in LTE random access", *Information Theory Workshop, 2006. ITW '06 Chengdu. IEEE*, On page(s): 544 - 547
Abstract | Full Text: PDF (4001KB)
308. Zeng, Fanxin; Zeng, Xiaoping; Zeng, Xiangyong; Xiac, Lingna; Zhang, Zhenyu; Xuan, Guixin "Almost Perfect 16-QAM Sequences for Spreading-Spectrum Communication Systems Using 16-QAM Constellation", *Wireless Communications, Networking and Mobile Computing (WiCOM), 2012 8th International Conference on*, On page(s): 1 - 4
Abstract | Full Text: PDF (153KB)

309. Lianjun Deng; Kawamura, T.; Taoka, H.; Sawahashi, M. "Iterative decision-feedback channel estimation for turbo SIC in DFT-precoded OFDMA using QO-STBC", *Intelligent Signal Processing and Communications Systems (ISPACS), 2011 International Symposium on*, On page(s): 1 - 5
Abstract | Full Text: PDF (1060KB)
310. Boche, H.; Stanczak, S. "Aperiodic auto-correlation of polyphase sequences with a small peak-factor", *Signals, Systems, and Computers, 1999. Conference Record of the Thirty-Third Asilomar Conference on*, On page(s): 705 - 709 vol.1 Volume: 1, 24-27 Oct. 1999
Abstract | Full Text: PDF (383KB)
311. Hikosaka, Y.; Kawamura, T.; Taoka, H.; Sawahashi, M. "Performance of space orthogonal resource transmit diversity for delay spreads in PUCCH using cyclic shift CDMA", *Intelligent Signal Processing and Communications Systems (ISPACS), 2011 International Symposium on*, On page(s): 1 - 5
Abstract | Full Text: PDF (1108KB)
312. Sawahashi, M.; Kawamura, T.; Kakishima, Y. "CSI Reference Signal Multiplexing Using Carrier Frequency Swapping for FDD High-Order MIMO SDM", *Vehicular Technology Conference (VTC Fall), 2014 IEEE 80th*, On page(s): 1 - 5
Abstract | Full Text: PDF (276KB)
313. Yan Wu; Attallah, Samir; Bergmans, J.W.M. "Carrier Frequency Offset Estimation for Multi-User MIMO OFDM Uplink Using CAZAC Sequences", *Wireless Communications and Networking Conference, 2009. WCNC 2009. IEEE*, On page(s): 1 - 5
Abstract | Full Text: PDF (294KB)
314. Angeletti, P.; Petrolati, D.; Toso, G. "Spectral synthesis of piecewise linear polyphase codes for good aperiodic autocorrelation performance", *Wireless Information Technology and Systems (ICWITS), 2012 IEEE International Conference on*, On page(s): 1 - 4
Abstract | Full Text: PDF (665KB)
315. Xiang Zou; Ritcey, J.A. "Optimal training length for MIMO frequency-selective channels with time-variation", *Signals, Systems and Computers, 2009 Conference Record of the Forty-Third Asilomar Conference on*, On page(s): 610 - 614
Abstract | Full Text: PDF (196KB)
316. Coelho, F.; Dinis, R.; Montezuma, P. "Joint detection and channel estimation for block transmission schemes", *MILITARY COMMUNICATIONS CONFERENCE, 2010 - MILCOM 2010*, On page(s): 1765 - 1770
Abstract | Full Text: PDF (316KB)
317. Yafei Hou; Hase, T. "Channel and Noise Variance Estimation Improvement for PCP-SC System", *Wireless Communications and Networking Conference (WCNC), 2010 IEEE*, On page(s): 1 - 6
Abstract | Full Text: PDF (459KB)
318. Jeng-Kuang Hwang; Yuan-Ping Li "Modular Design and Implementation of FPGA-Based Tap-Selective Maximum-Likelihood Channel Estimator", *Circuits and Systems for Communications, 2008. ICCSC 2008. 4th IEEE International Conference on*, On page(s): 658 - 662
Abstract | Full Text: PDF (333KB)
319. Jeng-Kuang Hwang; Rih-Lung Chung; Meng-Fu Tsai "Highly Efficient Sparse Multipath Channel Estimator with Optimal Chu-sequence Preamble for MIMO Frequency-Domain DFE Receiver", *Signal Processing and Information Technology, 2006 IEEE International Symposium on*, On page(s): 755 - 759
Abstract | Full Text: PDF (437KB)
320. Susanto, J.H.; Miyazaki, H.; Temma, K.; Adachi, F. "Distributed Antenna Tx/Rx Diversity Using Sparse Channel Estimation in Doubly Selective Nakagami-Rice Fading Channel", *Vehicular*

Technology Conference (VTC Fall), 2014 IEEE 80th, On page(s): 1 - 5

Abstract | Full Text: PDF (350KB)

321. Jianwu Chen; Yik-Chung Wu; Tung-Sang Ng "Frequency synchronization for OFDM systems over doubly-selective channels", *Circuits and Systems, 2008. APCCAS 2008. IEEE Asia Pacific Conference on*, On page(s): 582 - 585

Abstract | Full Text: PDF (503KB)

322. Miyazaki, H.; Obara, T.; Adachi, F. "Adaptive window width control for cyclic shifted pilot aided channel estimation suitable for SC-ANC bi-directional relay using joint Tx/Rx MMSE-FDE", *Wireless Communications & Signal Processing (WCSP), 2013 International Conference on*, On page(s): 1 - 6

Abstract | Full Text: PDF (415KB)

323. Fam, A.T.; Qazi, F.A.; Kadlimatti, R. "Zero Sidelobe Aperiodic Codes via Additive-Multiplicative Mismatched Filtering", *Military Communications Conference, MILCOM 2013 - 2013 IEEE*, On page(s): 829 - 836

Abstract | Full Text: PDF (554KB)

324. Chaojin Qing; Shihai Shao; Youxi Tang; Yi Wang; Jiayin Zhang "Cooperative Acquisition for Distributed Antenna Systems by Exploiting the Difference of Time-Delays over Flat-Fading Channels", *Vehicular Technology Conference Fall (VTC 2010-Fall), 2010 IEEE 72nd*, On page(s): 1 - 5

Abstract | Full Text: PDF (227KB)

325. Feng Shu; Feng Xinxin; Qingchuan Zhang; Zhengyu Cai; Renhong Xie "Optimal Time-Domain Training Pattern for ML Channel Estimation in MIMO OFDM System", *Wireless Communications, Networking and Mobile Computing, 2008. WiCOM '08. 4th International Conference on*, On page(s): 1 - 4

Abstract | Full Text: PDF (153KB)

326. Yi Jiang; Haining Wang; Daneshrad, B.; Fette, B. "PHY and MAC Design for Distributed Tx-Rx beamforming in Mobile Ad Hoc Networks", *Military Communications Conference (MILCOM), 2014 IEEE*, On page(s): 885 - 890

Abstract | Full Text: PDF (685KB)

327. Yang Xu; Jie Zhong; Yunlong Cai; Minjian Zhao; Bo Chen "Joint CFO and sparse channel estimation for MIMO-OFDM systems via the SAGE algorithm", *Wireless Communications & Signal Processing (WCSP), 2013 International Conference on*, On page(s): 1 - 5

Abstract | Full Text: PDF (178KB)

328. Chan-Tong Lam; Falconer, D.D. "Effects of channel estimation errors on BER performance of DFT-pre-coded OFDM systems", *Wireless Communications and Mobile Computing Conference (IWCMC), 2013 9th International*, On page(s): 900 - 905

Abstract | Full Text: PDF (552KB)

329. Jichao Lu; Guixia Kang; Shan Lu; Ping Zhang "Preamble Design Based on Complete Complementary Sets for Random Access in MIMO-OFDM Systems", *Wireless Communications and Networking Conference, 2007.WCNC 2007. IEEE*, On page(s): 858 - 862

Abstract | Full Text: PDF (267KB)

330. Pei He; Zhixin Li; Xuan Wang "A low-complexity SNR estimation algorithm and channel estimation method for OFDM systems", *Information Science and Technology (ICIST), 2014 4th IEEE International Conference on*, On page(s): 698 - 701

Abstract | Full Text: PDF (486KB)

331. Xiaolin Hou; Zhan Zhang; Kayama, H. "DMRS Design and Channel Estimation for LTE-Advanced MIMO Uplink", *Vehicular Technology Conference Fall (VTC 2009-Fall), 2009 IEEE 70th*, On

page(s): 1 - 5

Abstract | Full Text: PDF (281KB)

332. Takyu, O.; Yamasaki, T.; Umeda, Y. "Scattered pilot assisted channel estimation for IFDMA", *Wireless Communication, Vehicular Technology, Information Theory and Aerospace & Electronic Systems Technology, 2009. Wireless VITAE 2009. 1st International Conference on*, On page(s): 832 - 836
Abstract | Full Text: PDF (674KB)
333. Tsuchida, Y.; Nagata, S.; Sawahashi, M. "Cell Search Time Performance Using Multipath Signals in LTE Downlink", *Vehicular Technology Conference (VTC Spring), 2011 IEEE 73rd*, On page(s): 1 - 5
Abstract | Full Text: PDF (322KB)
334. Hau, S.S.F.; Chan, Y.H.; Ngai, K.S.; Lam, P.H.S. "Performance of echo canceller during start-up for high-speed data transmission", *TENCON '93. Proceedings. Computer, Communication, Control and Power Engineering. 1993 IEEE Region 10 Conference on*, On page(s): 661 - 664 vol.3 Volume: 3, 19-21 Oct. 1993
Abstract | Full Text: PDF (285KB)
335. Xiaoguang Wu; Guixia Kang "Pilot Sequence Design Scheme for MIMO OFDM Systems under Time-Varying Channels", *Vehicular Technology Conference, 2008. VTC Spring 2008. IEEE*, On page(s): 777 - 781
Abstract | Full Text: PDF (314KB)
336. Qingyu Zhu; Liu, Zhiqiang "Constant-modulus Preamble Design for MIMO-OFDM Systems", *Acoustics, Speech and Signal Processing, 2006. ICASSP 2006 Proceedings. 2006 IEEE International Conference on*, On page(s): IV - IV Volume: 4, 14-19 May 2006
Abstract | Full Text: PDF (200KB)
337. Bertrand, P. "Channel Gain Estimation from Sounding Reference Signal in LTE", *Vehicular Technology Conference (VTC Spring), 2011 IEEE 73rd*, On page(s): 1 - 5
Abstract | Full Text: PDF (2001KB)
338. Chin-Liang Wang; Wang, Hung-Chin; Chen, Ying-Yi "A synchronization scheme based on partial Zadoff-Chu sequences for cooperative MIMO OFDM systems", *Wireless Communications and Networking Conference (WCNC), 2012 IEEE*, On page(s): 925 - 929
Abstract | Full Text: PDF (471KB)
339. Jones, A.M.; Rigling, B.D.; Rangaswamy, M. "Performance models for sidelobe constrained signal design with eigen-basis formulation", *Radar Conference (RadarCon), 2015 IEEE*, On page(s): 0828 - 0833
Abstract | Full Text: PDF (922KB)
340. Gallego, J.R.; Hernandez-Solana, A.; Guio, I.; Valdovinos, A. "Comparative Analysis of Non-Synchronized Initial Random Access for Mobile Broadband Systems", *Vehicular Technology Conference, 2009. VTC Spring 2009. IEEE 69th*, On page(s): 1 - 5
Abstract | Full Text: PDF (511KB)
341. Huang, G.; Nix, A.; Armour, S. "DFT-Based Channel Estimation and Noise Variance Estimation Techniques for Single-Carrier FDMA", *Vehicular Technology Conference Fall (VTC 2010-Fall), 2010 IEEE 72nd*, On page(s): 1 - 5
Abstract | Full Text: PDF (205KB)
342. Kojima, Y.; Takeda, K.; Adachi, F. "DS-CDMA MMSE Turbo Equalization Using 2-Step Maximum Likelihood Channel Estimation", *Vehicular Technology Conference, 2008. VTC 2008-Fall. IEEE 68th*, On page(s): 1 - 5
Abstract | Full Text: PDF (168KB)

343. Asadullah, M.M.G.; Stuber, G.L. "Soft-Chip Combining MIMO Multicarrier CDMA Antijam System", *Military Communications Conference, 2006. MILCOM 2006. IEEE*, On page(s): 1 - 7
Abstract | Full Text: PDF (8043KB)
344. Gheorghiu, V.; Kameda, S.; Takagi, Tadashi; Tsubouchi, K.; Adachi, F. "Implementation of Single Carrier Packet Transmission with Frequency Domain Equalization", *Vehicular Technology Conference, 2008. VTC 2008-Fall. IEEE 68th*, On page(s): 1 - 5
Abstract | Full Text: PDF (485KB)
345. Lianjun Deng; Kawamura, T.; Taoka, H.; Sawahashi, M. "Combined Effect of Transmit Diversity and Frequency Hopping for DFT-Precoded OFDMA in Uplink Frequency-Selective Fading Channels", *Vehicular Technology Conference (VTC Spring), 2011 IEEE 73rd*, On page(s): 1 - 5
Abstract | Full Text: PDF (318KB)
346. Nasraoui, L.; Atallah, L.N.; Siala, M. "Robust doubly-differential primary synchronization approach for 3GPP LTE systems", *Wireless Communications and Mobile Computing Conference (IWCMC), 2014 International*, On page(s): 1069 - 1074
Abstract | Full Text: PDF (747KB)
347. Jeng-Kuang Hwang; Jeng-Da Li; Yu-Lun Chiu; Juinn-Horng Deng "Transceiver design and implementation of a new dual-mode spread spectrum system with DQPSK-HCSOK modulation", *Consumer Electronics, 2009. ISCE '09. IEEE 13th International Symposium on*, On page(s): 784 - 788
Abstract | Full Text: PDF (518KB)
348. Pollakis, A.; Diehm, F.; Fettweis, G. "Extracting Multi-User Diversity in the Cellular Uplink, Where Transmission Grants Influence CSI Quality", *Vehicular Technology Conference (VTC Fall), 2013 IEEE 78th*, On page(s): 1 - 6
Abstract | Full Text: PDF (186KB)
349. Mori, C.; Kawamura, T.; Miki, N.; Sawahashi, M. "Performance of star 16QAM using iterative decision-directed channel estimation for DFT-precoded OFDMA", *Wireless Communications & Signal Processing (WCSP), 2012 International Conference on*, On page(s): 1 - 6
Abstract | Full Text: PDF (443KB)
350. Lianjun Deng; Kawamura, T.; Taoka, H.; Sawahashi, M. "Effect of Intra-Subframe Frequency Hopping on Closed-Loop Type Transmit Diversity with Precoding for Uplink DFT-Precoded OFDMA", *Vehicular Technology Conference (VTC Fall), 2011 IEEE*, On page(s): 1 - 5
Abstract | Full Text: PDF (305KB)
351. Jian Wang; Gaofeng Cui; Yizhou He; Li Jian; Weidong Wang; Yinghai Zhang "A PAR-DQ random access preamble detection algorithm in LTE-satellite communication system", *Wireless Communications and Signal Processing (WCSP), 2014 Sixth International Conference on*, On page(s): 1 - 5
Abstract | Full Text: PDF (278KB)
352. Chong Feng; Jianhua Zhang; Yanyan Zhang; Minghua Xia "A Novel Timing Synchronization Method for MIMO OFDM Systems", *Vehicular Technology Conference, 2008. VTC Spring 2008. IEEE*, On page(s): 913 - 917
Abstract | Full Text: PDF (243KB)
353. Coelho, F.; Dinis, R.; Montezuma, P. "Efficient Channel Estimation for Single Frequency Broadcast Systems", *Vehicular Technology Conference (VTC Fall), 2011 IEEE*, On page(s): 1 - 6
Abstract | Full Text: PDF (346KB)
354. Yi Jiang; Daneshrad, B.; Pottie, G. "Initial acquisition for MANET with simultaneous transmissions", *Military Communications Conference, MILCOM 2015 - 2015 IEEE*, On page(s): 1158 - 1163

Abstract | Full Text: PDF (2205KB)

355. Qing-Chuan Zhang; Feng Shu; Jin-Tao Sun "Low-complexity sparse channel estimation for OFDM system based on gaic model selection", *Intelligent Signal Processing and Communication Systems, 2007. ISPACS 2007. International Symposium on*, On page(s): 778 - 781

Abstract | Full Text: PDF (512KB)

356. Xiupeng Chen; Ningbo Zhang; Yu Cao; Guixia Kang "Further Investigation on Pilot Design for MIMO OFDM Systems in Multi-Cell Environment", *Vehicular Technology Conference Fall (VTC 2009-Fall), 2009 IEEE 70th*, On page(s): 1 - 5

Abstract | Full Text: PDF (151KB)

357. Yanxiang Jiang; Xiaohu You; Xiqi Gao; Minn, H. "Training Aided Frequency Offset Estimation for MIMO OFDM Systems via Polynomial Rooting", *Vehicular Technology Conference, 2008. VTC Spring 2008. IEEE*, On page(s): 978 - 982

Abstract | Full Text: PDF (277KB)

358. Lianjun Deng; Kawamura, T.; Taoka, H.; Sawahashi, M. "Investigation on transmit and receiver diversity gains considering channel estimation error for uplink DFT-precoded OFDMA", *Wireless Communications and Signal Processing (WCSP), 2011 International Conference on*, On page(s): 1 - 5

Abstract | Full Text: PDF (760KB)

359. Hikosaka, Y.; Kawamura, T.; Miki, N.; Sawahashi, M. "Hybrid reference signal multiplexing using combination of block spread and cyclic shift CDMA for uplink control signals in DFT-precoded OFDMA", *Wireless Communications and Signal Processing (WCSP), 2011 International Conference on*, On page(s): 1 - 5

Abstract | Full Text: PDF (752KB)

360. Fanxin Zeng; Xiaoping Zeng; Lingna Xiao; Zhenyu Zhang; Guixin Xuan "Imaginary Sequences of Impulse-Like Real-Part of Autocorrelation over 8-QAM+ Constellation", *High Performance Computing and Communications & 2013 IEEE International Conference on Embedded and Ubiquitous Computing (HPCC_EUC), 2013 IEEE 10th International Conference on*, On page(s): 1443 - 1447

Abstract | Full Text: PDF (271KB)

361. Itoh, K. "Two way transmitter-receiver array adaptation for multi-carrier code division multiplexed modulation with array-carrier MLE reception — A path modeled design", *Personal Indoor and Mobile Radio Communications (PIMRC), 2013 IEEE 24th International Symposium on*, On page(s): 1146 - 1151

Abstract | Full Text: PDF (238KB)

362. Ghosh, A.; Ratasuk, R.; Filipovich, I.; Jun Tan; Weimin Xiao "Random Access Design for UMTS Air-Interface Evolution", *Vehicular Technology Conference, 2007. VTC2007-Spring. IEEE 65th*, On page(s): 1041 - 1045

Abstract | Full Text: PDF (246KB)

363. Yasukawa, S.; Kawamura, T.; Kishiyama, Y.; Taoka, H.; Andoh, H. "Field Experiments on Closed-Loop SU-MIMO Transmission Considering Effect of Antenna Configurations in LTE-Advanced Uplink", *Vehicular Technology Conference (VTC Spring), 2012 IEEE 75th*, On page(s): 1 - 5

Abstract | Full Text: PDF (448KB)

364. Nagata, S.; Kishiyama, Y.; Tanno, M.; Higuchi, K.; Sawahashi, M. "Investigation on Transmit Diversity for Synchronization Channel in OFDM Based Evolved UTRA Downlink", *Vehicular Technology Conference, 2008. VTC 2008-Fall. IEEE 68th*, On page(s): 1 - 6

Abstract | Full Text: PDF (344KB)

365. Yafei Hou; Hase, T. "Improvement on the Channel Estimation of Pilot Cyclic Prefixed Single Carrier

- (PCP-SC) System", *Vehicular Technology Conference Fall (VTC 2009-Fall)*, 2009 IEEE 70th, On page(s): 1 - 5
 Abstract | Full Text: PDF (581KB)
366. Numata, H.; Kawamura, T.; Sawahashi, M. "Investigation on best combining scheme for diversity branches in joint MLD for PUCCH in LTE uplink", *Wireless Communications and Signal Processing (WCSP), 2011 International Conference on*, On page(s): 1 - 5
 Abstract | Full Text: PDF (722KB)
367. Lieberei, M.; Zolzer, U. "MIMO-OFDM on a flexible laboratory radio system", *Communications, Control and Signal Processing, 2008. ISCCSP 2008. 3rd International Symposium on*, On page(s): 1184 - 1187
 Abstract | Full Text: PDF (1006KB)
368. Yu Yang; Guixia Kang; Jichao Liu; Ping Zhang "Pilot Sequence Design for Inter-cell Interference Mitigation in MIMO FMT Systems", *Wireless Communications and Networking Conference, 2007.WCNC 2007. IEEE*, On page(s): 1216 - 1220
 Abstract | Full Text: PDF (399KB)
369. Yafei Hou; Hase, T. "Channel Estimation Improvement for MIMO Single-Carrier Block Transmission System", *Communications (ICC), 2011 IEEE International Conference on*, On page(s): 1 - 6
 Abstract | Full Text: PDF (568KB)
370. Jiann-Ching Guey "The design and detection of signature sequences in time-frequency selective channel", *Personal, Indoor and Mobile Radio Communications, 2008. PIMRC 2008. IEEE 19th International Symposium on*, On page(s): 1 - 5
 Abstract | Full Text: PDF (4089KB)
371. Zhongshan Zhang; Ming Lei; Keping Long; Yong Fan "Improved Cell Search and Initial Synchronization Using PSS in LTE", *Vehicular Technology Conference (VTC Spring), 2012 IEEE 75th*, On page(s): 1 - 5
 Abstract | Full Text: PDF (174KB)
372. Laraway, S.A.; Moradi, H.; Farhang-Boroujeny, B. "HF band filter bank multi-carrier spread spectrum", *Military Communications Conference, MILCOM 2015 - 2015 IEEE*, On page(s): 1445 - 1453
 Abstract | Full Text: PDF (1842KB)
373. Komatsu, K.; Kameda, S.; Iwata, M.; Tanifuji, S.; Suematsu, N.; Takagi, Tadashi; Tsubouchi, K. "ASIC implementation of frequency domain equalizer for single carrier transmission", *General Assembly and Scientific Symposium, 2011 XXXth URSI*, On page(s): 1 - 4
 Abstract | Full Text: PDF (1119KB)
374. Noguchi, N.; Nagata, S.; Sawahashi, M. "Fast Cell Search Method Using PSS and SSS Based on Frequency Offset Estimation for Heterogeneous Networks with Separate Frequency Spectrum", *Vehicular Technology Conference (VTC Spring), 2015 IEEE 81st*, On page(s): 1 - 6
 Abstract | Full Text: PDF (450KB)
375. Benedetto, J.J.; Donatelli, J.; Konstantinidis, I.; Shaw, C. "A Doppler statistic for zero autocorrelation waveforms", *Information Sciences and Systems, 2006 40th Annual Conference on*, On page(s): 1403 - 1407
 Abstract | Full Text: PDF (292KB)
376. Chan-Tong Lam; Falconer, D.D.; Danilo-Lemoine, F. "PAPR Reduction using Frequency Domain Multiplexed Pilot Sequences", *Wireless Communications and Networking Conference, 2007.WCNC 2007. IEEE*, On page(s): 1428 - 1432
 Abstract | Full Text: PDF (257KB)

377. Levanen, T.; Pirskanen, J.; Valkama, M. "Radio interface design for ultra-low latency millimeter-wave communications in 5G Era", *Globecom Workshops (GC Wkshps), 2014*, On page(s): 1420 - 1426
Abstract | Full Text: PDF (306KB)
378. Chaoqun Jiao; Yi Sun; Yen, R.Y.; Hong-Yu Liu; Ta-Chou Lin; Cheng, T.T. "An efficient iterative algorithm for joint frequency synchronization and channel estimation in OFDM systems", *Microwave, Antenna, Propagation and EMC Technologies for Wireless Communications, 2009 3rd IEEE International Symposium on*, On page(s): 430 - 435
Abstract | Full Text: PDF (104KB)
379. Haitao Zhang; Xin Zhang; Dacheng Yang "Iterative Frequency-Domain Channel Estimation and Equalization for Relay-Assisted SFBC Single-Carrier Systems", *Vehicular Technology Conference (VTC Spring), 2012 IEEE 75th*, On page(s): 1 - 5
Abstract | Full Text: PDF (153KB)
380. Gomaa, A.; Al-Dhahir, N. "Compressive-Sensing-Based Approach for NBI Cancellation in MIMO-OFDM", *Global Telecommunications Conference (GLOBECOM 2011), 2011 IEEE*, On page(s): 1 - 5
Abstract | Full Text: PDF (162KB)
381. Benedetto, J.J.; Donatelli, J.; Konstantinidis, I.; Shaw, C. "Zero Autocorrelation Waveforms: A Doppler Statistic and Multifunction Problems", *Acoustics, Speech and Signal Processing, 2006. ICASSP 2006 Proceedings. 2006 IEEE International Conference on*, On page(s): V - V Volume: 5, 14-19 May 2006
Abstract | Full Text: PDF (186KB)
382. Danping Li; Yi Liu; Hailin Zhang "Circular orthogonal sequences based channel estimation for MIMO SC-FDE systems", *Wireless Communications & Signal Processing, 2009. WCSP 2009. International Conference on*, On page(s): 1 - 4
Abstract | Full Text: PDF (293KB)
383. Roberson, J.; Xiaofei Dong; Zhi Ding "Joint data detection for punctured ARQ diversity systems", *Acoustics, Speech, and Signal Processing, 2005. Proceedings. (ICASSP '05). IEEE International Conference on*, On page(s): iii/1145 - iii/1148 Vol. 3 Volume: 3, 18-23 March 2005
Abstract | Full Text: PDF (250KB)
384. Miyazaki, H.; Adachi, F. "Performance Analysis of Space-Time Block Coded Joint Tx/Rx Diversity Using Optimal Transmit FDE in Presence of Channel Estimation Error", *Vehicular Technology Conference (VTC Spring), 2014 IEEE 79th*, On page(s): 1 - 5
Abstract | Full Text: PDF (763KB)
385. Nagata, S.; Kishiyama, Y.; Tanno, M.; Higuchi, K.; Sawahashi, M. "Investigations on Synchronization Channel Sequences in OFDM Based Evolved UTRA Downlink", *Vehicular Technology Conference, 2007. VTC-2007 Fall. 2007 IEEE 66th*, On page(s): 1390 - 1395
Abstract | Full Text: PDF (161KB)
386. Liu Yue-liang; Jiang Yu-zhong; Zhang Wei "Interpolation algorithm of Zadoff-Chu sequence", *Mechatronic Science, Electric Engineering and Computer (MEC), 2011 International Conference on*, On page(s): 1183 - 1187
Abstract | Full Text: PDF (266KB)
387. Haitao Zhang; Xin Zhang; Dacheng Yang "Iterative frequency-domain channel estimation and equalization for single-carrier cooperative transmissions", *Personal Indoor and Mobile Radio Communications (PIMRC), 2012 IEEE 23rd International Symposium on*, On page(s): 1687 - 1692
Abstract | Full Text: PDF (374KB)
388. Noguchi, N.; Nagata, S.; Sawahashi, M. "Performance Evaluation of Cell Search Time for

- Heterogeneous Networks", *Vehicular Technology Conference (VTC Spring), 2014 IEEE 79th*, On page(s): 1 - 5
 Abstract | Full Text: PDF (682KB)
389. Guangshi Yu; Shiwen He; Denggao Yu; Luxi Yang; Gang Zuo "An efficient low PAPR training sequence design scheme under spectral constraints in mm-Wave OFDM communication", *Wireless Communications & Signal Processing (WCSP), 2015 International Conference on*, On page(s): 1 - 5
 Abstract | Full Text: PDF (704KB)
390. Chan-Tong Lam; Falconer, D.D.; Danilo-Lemoine, F.; Dinis, R. "Channel Estimation for SC-FDE Systems Using Frequency Domain Multiplexed Pilots", *Vehicular Technology Conference, 2006. VTC-2006 Fall. 2006 IEEE 64th*, On page(s): 1 - 5
 Abstract | Full Text: PDF (211KB)
391. Li Yue; Chenggao Han; Hashimoto, T. "CS-CDMA/CP with the Chu Sequence: A Bandwidth-Efficient Multi-Access Scheme for Fast Fading Multipath Channels", *Communications (ICC), 2011 IEEE International Conference on*, On page(s): 1 - 5
 Abstract | Full Text: PDF (170KB)
392. Ki-Hyeon Park; Hong-Yeop Song; Dae San Kim "Families of perfect polyphase sequences from the array structure of Fermat-Quotient sequences and Frank-Zadoff sequences", *Information Theory (SIT), 2015 IEEE International Symposium on*, On page(s): 1537 - 1540
 Abstract | Full Text: PDF (276KB)
393. Li Zhuo; Zhang Tangdi "A Scheme for Symbol Timing and Synchronization Based on DSP Implementation in TD-LTE System", *Industrial Control and Electronics Engineering (ICICEE), 2012 International Conference on*, On page(s): 1192 - 1195
 Abstract | Full Text: PDF (184KB)
394. Bin Cai; Minjian Zhao; Peiliang Qiu "A novel channel estimation method for SC-FDE over fast fading channels", *Communication Technology, 2006. ICCT '06. International Conference on*, On page(s): 1 - 4
 Abstract | Full Text: PDF (4527KB)
395. Feng Lu; Komine, T.; Suzuki, T.; Sawahashi, M. "CAZAC Sequence Hopping for Physical Uplink Control Channel of LTE", *Vehicular Technology Conference, 2008. VTC 2008-Fall. IEEE 68th*, On page(s): 1 - 5
 Abstract | Full Text: PDF (300KB)
396. Bhamri, A.; Zexian Li; Lindh, L.; Ribeiro, C. "Primary Synchronization Signal Detection Method for Device-to-Device in LTE-Rel 12 and Beyond", *Vehicular Technology Conference (VTC Fall), 2015 IEEE 82nd*, On page(s): 1 - 5
 Abstract | Full Text: PDF (818KB)
397. Pengxu Li; Yizhou He; Gaofeng Cui; Weidong Wang; Yinghai Zhang "A novel timing advanced estimation algorithm for eliminating frequency offset in satellite system", *Personal, Indoor, and Mobile Radio Communications (PIMRC), 2015 IEEE 26th Annual International Symposium on*, On page(s): 1792 - 1796
 Abstract | Full Text: PDF (297KB)
398. Xie, S.; Gu, Z.; Rahardja, S.; Wong, J.C.; Xin, Y. "Selection of Spreading Sequence Subsets for DS-SS Systems over Multipath Channels", *Information, Communications and Signal Processing, 2005 Fifth International Conference on*, On page(s): 1475 - 1479
 Abstract | Full Text: PDF (521KB)
399. Kojima, Y.; Takeda, K.; Adachi, F. "Polynomial Prediction RLS Channel Estimation for DS-SS Frequency-Domain Equalization", *Vehicular Technology Conference Fall (VTC 2009-Fall), 2009*

- IEEE 70th*, On page(s): 1 - 5
 Abstract | Full Text: PDF (277KB)
400. Yanyan Zhang; Jianhua Zhang; Feifei Sun; Chong Feng; Ping Zhang; Minghua Xia "A Novel Timing Synchronization Method for Distributed MIMO-OFDM Systems in Multi-path Rayleigh Fading Channels", *Vehicular Technology Conference, 2008. VTC Spring 2008. IEEE*, On page(s): 1443 - 1447
 Abstract | Full Text: PDF (287KB)
401. Tae-Kyo Lee; Kyeongcheol Yang "The induced correlations of Zadoff-Chu sequences", *Information Theory (ISIT), 2014 IEEE International Symposium on*, On page(s): 1648 - 1652
 Abstract | Full Text: PDF (280KB)
402. Zhijun Rong; Fettweis, G. "Multi-User Channel Estimation for Interference Mitigation in the LTE-Advanced Uplink", *Vehicular Technology Conference Fall (VTC 2010-Fall), 2010 IEEE 72nd*, On page(s): 1 - 5
 Abstract | Full Text: PDF (162KB)
403. Le-Nam Tran; Quoc-Tuan Vien, Q.-T.; Hong, Een-Kee "Training sequence-based distributed space-time block codes with frequency domain equalization", *Personal, Indoor and Mobile Radio Communications, 2009 IEEE 20th International Symposium on*, On page(s): 501 - 505
 Abstract | Full Text: PDF (417KB)
404. Han Seung Jang; Su Min Kim; Hong-Shik Park; Dan Keun Sung "Enhanced spatial group based random access for cellular M2M communications", *Communication Workshop (ICCW), 2015 IEEE International Conference on*, On page(s): 2102 - 2107
 Abstract | Full Text: PDF (285KB)
405. Jung-Fu Cheng; Falahati, S.; Frenne, M.; Wang, Y.-P.E. "Physical Uplink Control Channel Enhancements for Further Evolved LTE-Advanced", *Vehicular Technology Conference (VTC Fall), 2013 IEEE 78th*, On page(s): 1 - 5
 Abstract | Full Text: PDF (297KB)
406. Takeda, K.; Yamamoto, T.; Adachi, F. "Time-Domain Spreading And Frequency-Domain Spreading for Delay-time/Code Division Multi-Access", *Vehicular Technology Conference, 2008. VTC Spring 2008. IEEE*, On page(s): 1529 - 1533
 Abstract | Full Text: PDF (151KB)
407. Taejoon Kim; Choudhury, S.; Zhong-Yi Jin; Doppler, K.; Ghosh, C. "Simultaneous polling mechanism for low power sensor networks using ZC sequences", *Personal Indoor and Mobile Radio Communications (PIMRC), 2012 IEEE 23rd International Symposium on*, On page(s): 2024 - 2029
 Abstract | Full Text: PDF (328KB)
408. Gomaa, A.; Yuejia Chi; Al-Dhahir, N.; Calderbank, R. "On Training Signal Design for Multi-User MIMO-OFDM: Performance Analysis and Tradeoffs", *Vehicular Technology Conference (VTC Fall), 2011 IEEE*, On page(s): 1 - 5
 Abstract | Full Text: PDF (355KB)
409. Hikosaka, Y.; Kawamura, T.; Miki, N.; Sawahashi, M. "Inter-Code Interference Canceller for Control Signals Using Cyclic Shift CDMA in LTE Uplink", *Vehicular Technology Conference (VTC Spring), 2011 IEEE 73rd*, On page(s): 1 - 5
 Abstract | Full Text: PDF (282KB)
410. Chin-Liang Wang; Wang, Hung-Chin "Large CFO Acquisition using Partially Geometric Modulatable Orthogonal Sequences", *Vehicular Technology Conference, 2009. VTC Spring 2009. IEEE 69th*, On page(s): 1 - 5
 Abstract | Full Text: PDF (344KB)

411. Chin-Liang Wang; Chen, Ying-Yi; Wang, Hung-Chin "A synchronization scheme based on Gaussian pulses for cooperative MIMO OFDM systems", *Circuits and Systems (ISCAS), 2012 IEEE International Symposium on*, On page(s): 1512 - 1515
Abstract | Full Text: PDF (432KB)
412. Yun Li; Shiju Li; Zhiqiang Yi "An Improved Joint Synchronization and Channel Estimation Algorithm for MIMO-OFDM System", *Wireless Communications, Networking and Mobile Computing, 2009. WiCom '09. 5th International Conference on*, On page(s): 1 - 5
Abstract | Full Text: PDF (243KB)
413. Taejoon Kim; Choudhury, S.; Doppler, K.; Skoglund, M. "Simultaneous Polling Mechanism with Uplink Power Control for Low Power Sensor Nodes", *Vehicular Technology Conference (VTC Spring), 2013 IEEE 77th*, On page(s): 1 - 6
Abstract | Full Text: PDF (217KB)
414. Roberson, J.; Zhi Ding "Joint semi-blind channel identification in punctured ARQ retransmissions", *Acoustics, Speech, and Signal Processing, 2004. Proceedings. (ICASSP '04). IEEE International Conference on*, On page(s): ii - 421-4 vol.2 Volume: 2, 17-21 May 2004
Abstract | Full Text: PDF (272KB)
415. Huang, G.; Yue Wang; Coon, J.; Bocus, M.Z.; McGeehan, J. "Pilot design and channel estimation for uplink block spread CDMA", *Global Communications Conference (GLOBECOM), 2012 IEEE*, On page(s): 2240 - 2245
Abstract | Full Text: PDF (544KB)
416. Gillian Huang; Yue Wang; Coon, J.P.; Bocus, M.Z. "Orthogonal training signal relaying for channel estimation in dual-hop AF relay networks", *Global Communications Conference (GLOBECOM), 2012 IEEE*, On page(s): 2246 - 2250
Abstract | Full Text: PDF (348KB)
417. Guixia Kang; Yu Yang; Yue Ouyang; Ping Zhang "Pilot Tone Design for Inter-Cell Interference Mitigation in OFDM Systems", *Vehicular Technology Conference, 2007. VTC2007-Spring. IEEE 65th*, On page(s): 1946 - 1950
Abstract | Full Text: PDF (170KB)
418. Wiegand, T.; Rust, J.; Paul, S. "Reconfigurable architecture of a hybrid synchronisation algorithm for LTE", *Personal Indoor and Mobile Radio Communications (PIMRC), 2012 IEEE 23rd International Symposium on*, On page(s): 2291 - 2296
Abstract | Full Text: PDF (840KB)
419. Chan-Tong Lam; Falconer, D.D.; Danilo-Lemoine, F. "A Low Complexity Frequency Domain Iterative Decision-Directed Channel Estimation Technique for Single-Carrier Systems". *Vehicular Technology Conference, 2007. VTC2007-Spring. IEEE 65th*, On page(s): 1966 - 1970
Abstract | Full Text: PDF (194KB)
420. Chin-Liang Wang; Wang, Hung-Chin "Low-Complexity Joint Timing Synchronization and Channel Estimation for MIMO OFDM Systems", *Vehicular Technology Conference (VTC Spring), 2011 IEEE 73rd*, On page(s): 1 - 5
Abstract | Full Text: PDF (266KB)
421. Miyake, Y.; Yamagata, F.; Oguma, H.; Izuka, N.; Kameda, S.; Suematsu, N.; Takagi, T.; Tsubouchi, K. "Hybrid single-carrier and multi-carrier system: Evaluation of throughput with inter-cell interference", *Personal Indoor and Mobile Radio Communications (PIMRC), 2012 IEEE 23rd International Symposium on*, On page(s): 2389 - 2394
Abstract | Full Text: PDF (265KB)
422. Qiyu Duan; Taejoon Kim; Huang Huang; Kunpeng Liu; Guangjian Wang "AoD and AoA tracking with directional sounding beam design for millimeter wave MIMO systems", *Personal, Indoor, and*

Mobile Radio Communications (PIMRC), 2015 IEEE 26th Annual International Symposium on, On page(s): 2271 - 2276

Abstract | Full Text: PDF (182KB)

423. Kimura, R.; Funada, R.; Nishiguchi, Y.; Ming Lei; Baykas, T.; Chin-Sean Sum; Junyi Wang; Rahman, A.; Shoji, Y.; Harada, H.; Kato, S. "Golay sequence aided channel estimation for millimeter-wave WPAN systems", *Personal, Indoor and Mobile Radio Communications, 2008. PIMRC 2008. IEEE 19th International Symposium on*. On page(s): 1 - 5
Abstract | Full Text: PDF (2556KB)
424. Kawamura, T.; Kishiyama, Y.; Higuchi, K.; Sawahashi, M. "Orthogonal Pilot Channel Using Combination of FDMA and CDMA in Single-Carrier FDMA-Based Evolved UTRA Uplink", *Wireless Communications and Networking Conference, 2007.WCNC 2007. IEEE*, On page(s): 2403 - 2408
Abstract | Full Text: PDF (310KB)
425. Kyu In Lee; Kyung Soo Woo; Yo Han Ko; Jae Young Ahn; Yong Soo Cho "An Inter-Cell Interference Cancellation Method for OFDM Cellular Systems Using a Subcarrier-Based Virtual MIMO", *Vehicular Technology Conference, 2006. VTC-2006 Fall. 2006 IEEE 64th*, On page(s): 1 - 5
Abstract | Full Text: PDF (206KB)
426. Sasaki, S.; Murata, H.; Yamamoto, K.; Yoshida, S. "Study on Distributed Delay Time Control Algorithm for Cooperative Multi-Hop Vehicular Networks with Cyclic Delay Diversity", *Vehicular Technology Conference, 2008. VTC 2008-Fall. IEEE 68th*, On page(s): 1 - 4
Abstract | Full Text: PDF (217KB)
427. Guoping Xu; Qun Wei; Xin Zhang; Dacheng Yang "New OFDM Channel Estimation Algorithm with Low Complexity", *Vehicular Technology Conference. 2007. VTC2007-Spring. IEEE 65th*, On page(s): 2257 - 2260
Abstract | Full Text: PDF (251KB)
428. Qinghua Guo; Huang, D.D. "Recursive Channel Estimation for Turbo Equalization Based on a State-Space System Model", *Wireless Communications and Networking Conference (WCNC), 2010 IEEE*, On page(s): 1 - 6
Abstract | Full Text: PDF (194KB)
429. Gheorghiu, V.; Kameda, S.; Takagi, Tadashi; Tsubouchi, K.; Adachi, F. "Implementation of Frequency Domain Equalizer for Single Carrier Transmission", *Wireless Communications, Networking and Mobile Computing, 2008. WiCOM '08. 4th International Conference on*. On page(s): 1 - 5
Abstract | Full Text: PDF (425KB)
430. Wei-Wen Hu; Sen-Hung Wang; Chih-Peng Li "Gaussian Integer Sequences with Ideal Periodic Autocorrelation Functions", *Communications (ICC), 2011 IEEE International Conference on*, On page(s): 1 - 5
Abstract | Full Text: PDF (156KB)
431. Hongting Zhang; Hsiao-Chun Wu; Hong Jiang; Huang, S.C.-H. "Robust pilot detection techniques for channel estimation and symbol detection in OFDM systems", *Global Communications Conference (GLOBECOM), 2014 IEEE*, On page(s): 3025 - 3031
Abstract | Full Text: PDF (215KB)
432. Tisdale, N.; Kazmierski, T.; Brooks, D. "Channel mismatch compensation for space-time adaptive processors", *Military Communications Conference, 2008. MILCOM 2008. IEEE*, On page(s): 1 - 7
Abstract | Full Text: PDF (1607KB)
433. Rodrigues, R.; Dinis, R.; Cercas, F. "Training Sequence Design for Channel Estimation with

- Nonlinear OQPSK-Type Modulations", *Vehicular Technology Conference (VTC Fall), 2012 IEEE*, On page(s): 1 - 5
 Abstract | Full Text: PDF (191KB)
434. Zehua Wang; Wong, V.W.S. "A novel D2D data offloading scheme for LTE networks", *Communications (ICC), 2015 IEEE International Conference on*, On page(s): 3107 - 3112
 Abstract | Full Text: PDF (566KB)
435. Zhefeng Li; Xia, Xiang-Gen "PAPR Reduction for Space-Time-Frequency Coded MIMO-OFDM Systems", *Global Telecommunications Conference, 2007. GLOBECOM '07. IEEE*, On page(s): 2796 - 2800
 Abstract | Full Text: PDF (161KB)
436. Jianwu Chen; Yik-Chung Wu; Tung-Sang Ng "Optimal Joint CFO and Channel Estimation in Quasi-Synchronized OFDM Systems", *Global Telecommunications Conference, 2007. GLOBECOM '07. IEEE*, On page(s): 2816 - 2820
 Abstract | Full Text: PDF (147KB)
437. Jeng-Kuang Hwang; Rih-Lung Chung "Low-Complexity Algorithm for Tap-Selective Maximum Likelihood Estimation Over Sparse Multipath Channels", *Global Telecommunications Conference, 2007. GLOBECOM '07. IEEE*, On page(s): 2857 - 2862
 Abstract | Full Text: PDF (286KB)
438. Xu, W.; Manolakis, K. "Robust Synchronization for 3GPP LTE System", *Global Telecommunications Conference (GLOBECOM 2010), 2010 IEEE*, On page(s): 1 - 5
 Abstract | Full Text: PDF (265KB)
439. Byung Jang Jeong; Hyun Kyu Chung "Pilot Structures for the Uplink Single Carrier FDMA Transmission Systems", *Vehicular Technology Conference, 2008. VTC Spring 2008. IEEE*, On page(s): 2552 - 2556
 Abstract | Full Text: PDF (244KB)
440. Xiaobin Yang; Fapojuwo, A.O. "Enhanced preamble detection for PRACH in LTE", *Wireless Communications and Networking Conference (WCNC), 2013 IEEE*, On page(s): 3306 - 3311
 Abstract | Full Text: PDF (508KB)
441. Changzheng Ma; Tat Soon Yeo; Qiang Guo; Chee Seng Tan; Pingjun Wei; Guoxiong Xu "Zero Correlation Zone Codes and Extended Zero Correlation Zone Codes for MIMO radar signal separation", *Signal Processing (ICSP), 2010 IEEE 10th International Conference on*, On page(s): 2345 - 2348
 Abstract | Full Text: PDF (1459KB)
442. Sjodin, Tomas; Gacanin, H.; Adachi, F. "Two-Slot Channel Estimation for Analog Network Coding Based on OFDM in a Frequency-Selective Fading Channel", *Vehicular Technology Conference (VTC 2010-Spring), 2010 IEEE 71st*, On page(s): 1 - 5
 Abstract | Full Text: PDF (155KB)
443. Chin-Liang Wang; Po-Chun Chiu; Hung-Chin Wang "Joint time synchronization and channel estimation for two-way amplify-and-forward relay systems", *Global Communications Conference (GLOBECOM), 2014 IEEE*, On page(s): 3543 - 3548
 Abstract | Full Text: PDF (288KB)
444. Kawamura, T.; Kishiyama, Y.; Higuchi, K.; Sawahashi, M. "Layer 1 / Layer 2 Control Channel Structure in Single-Carrier FDMA Based Evolved UTRA Uplink", *Vehicular Technology Conference, 2007. VTC2007-Spring. IEEE 65th*, On page(s): 2941 - 2945
 Abstract | Full Text: PDF (190KB)
445. Xin Meng; Xiang-Gen Xia; Xiqi Gao "Constant-envelope omni-directional transmission with

- diversity in massive MIMO systems", *Global Communications Conference (GLOBECOM), 2014 IEEE*, On page(s): 3784 - 3789
 Abstract | Full Text: PDF (191KB)
446. Tae-Kyo Lee; Jin-Ho Chung; Kyeongcheol Yang "An upper bound on the partial-period correlation of Zadoff-Chu sequences", *Information Theory Proceedings (ISIT), 2013 IEEE International Symposium on*, On page(s): 3140 - 3144
 Abstract | Full Text: PDF (148KB)
447. Wannberg, G.; Wolf, I.; Puccio, W.; Haggstrom, I.; Westman, A. "The EISCAT_3D arbitrary waveform exciter and polyphase constant amplitude codes for EISCAT VHF and ESR D/E layer experiments", *General Assembly and Scientific Symposium, 2011 XXXth URSI*, On page(s): 1 - 4
 Abstract | Full Text: PDF (370KB)
448. Wen Xu; Xiaojun Ma "Correlation-based cell search and measurement for LTE and LTE-A", *Global Communications Conference (GLOBECOM), 2012 IEEE*, On page(s): 3719 - 3724
 Abstract | Full Text: PDF (1415KB)
449. Chan-Tong Lam; Auer, G.; Danilo-Lemoine, F.; Falconer, D. "Design of Time and Frequency Domain Pilots for Generalized Multicarrier Systems", *Communications, 2007. ICC '07. IEEE International Conference on*, On page(s): 4076 - 4081
 Abstract | Full Text: PDF (229KB)
450. Yanyan Zhang; Dongyan Jia; Limin Tang; Jianhua Zhang "Multiple Carrier Frequency Offsets Estimation in Cooperative OFDM Systems", *Wireless Communications Networking and Mobile Computing (WiCOM), 2010 6th International Conference on*, On page(s): 1 - 5
 Abstract | Full Text: PDF (409KB)
451. Chih-Peng Li; Wei-Chieh Huang "WLC13-1: An Array for Constructing Perfect Sequences and Its Applications in OFDM-CDMA Systems", *Global Telecommunications Conference, 2006. GLOBECOM '06. IEEE*, On page(s): 1 - 5
 Abstract | Full Text: PDF (294KB)
452. Zheng, Y.R.; Chengshan Xiao "Frequency-Domain Channel Estimation and Equalization for Broadband Wireless Communications", *Communications, 2007. ICC '07. IEEE International Conference on*, On page(s): 4475 - 4480
 Abstract | Full Text: PDF (226KB)
453. Anzhong Hu; Tiejun Lv; Hui Gao; Yueming Lu; Enjie Liu "Pilot design for large-scale multi-cell multiuser MIMO systems", *Communications (ICC), 2013 IEEE International Conference on*, On page(s): 5381 - 5385
 Abstract | Full Text: PDF (213KB)
454. Jing Zhou; Ying Wang; Daoben Li "A novel time domain approach for the downlink pilot design of multiantenna OFDM systems", *Communications (ICC), 2012 IEEE International Conference on*, On page(s): 3841 - 3846
 Abstract | Full Text: PDF (215KB)
455. Ui-Kun Kwon; Dae-Young Seol; Gi-Hong Im; Young-Doo Kim "A Spectral efficient Relay-Based Transmit Diversity Technique for SC-FDE without Cyclic Prefix", *Communications, 2008. ICC '08. IEEE International Conference on*, On page(s): 4326 - 4330
 Abstract | Full Text: PDF (188KB)
456. Kilbom Lee; Joonsuk Kim; Minki Ahn; Inkyu Lee "Signature identification techniques with Zadoff-Chu sequence for OFDM systems", *Communications (ICC), 2013 IEEE International Conference on*, On page(s): 5737 - 5741
 Abstract | Full Text: PDF (163KB)

457. Hung-Chin Wang; Chin-Liang Wang; Mian-Cheng Lin "Non-data-aided timing synchronization for cooperative MIMO OFDM systems", *Communications (ICC), 2012 IEEE International Conference on*, On page(s): 3954 - 3958
Abstract | Full Text: PDF (153KB)
458. Rongqing Zhang; Xiang Cheng; Meng Ma; Bingli Jiao "Interference-avoidance pilot design using ZCZ sequences for multi-cell MIMO-OFDM systems", *Global Communications Conference (GLOBECOM), 2012 IEEE*, On page(s): 5056 - 5061
Abstract | Full Text: PDF (470KB)
459. Chih-Peng Li; Sen-Hung Wang; Kun-Sheng Lee; Chin-Liang Wang "Novel Low-Complexity SLM Schemes for PAPR Reduction in OFDM Systems", *Global Telecommunications Conference, 2008. IEEE GLOBECOM 2008. IEEE*, On page(s): 1 - 5
Abstract | Full Text: PDF (422KB)
460. Bin Jiang; Haiming Wang; Xiqi Gao; Shi Jin; Kai-Kit Wong "Preamble-Based Channel Estimation for Amplify-and-Forward OFDM Relay Networks", *Global Telecommunications Conference, 2009. GLOBECOM 2009. IEEE*, On page(s): 1 - 5
Abstract | Full Text: PDF (165KB)
461. Fanxin Zeng; Zhenyu Zhang "Novel Construction of Distinct Perfect Polyphase Sequences with Large Family Size", *Wireless Communications, Networking and Mobile Computing, 2009. WiCom '09. 5th International Conference on*, On page(s): 1 - 5
Abstract | Full Text: PDF (129KB)
462. Yanxiang Jiang; Xiaohu You; Xiqi Gao; Hlaing Minn "MIMO OFDM Frequency Offset Estimator with Low Computational Complexity", *Communications, 2007. ICC '07. IEEE International Conference on*, On page(s): 5449 - 5454
Abstract | Full Text: PDF (387KB)
463. Kim, Dongsik; Ui-Kun Kwon; Gi-Hong Im; Changyong Shin "A Pilot Design Technique for Single-Carrier Transmission over Fast Fading Relay Channels", *Global Telecommunications Conference, 2008. IEEE GLOBECOM 2008. IEEE*, On page(s): 1 - 5
Abstract | Full Text: PDF (245KB)
464. Jeng-Kuang Hwang; Yu-Lun Chiu "A High-Rate Low-PAPR Multicarrier Spread Spectrum System Using Cyclic Shift Orthogonal Keying", *Communications, 2008. ICC '08. IEEE International Conference on*, On page(s): 4850 - 4854
Abstract | Full Text: PDF (472KB)
465. Yuh-Rer Tsai; Hao-Yun Huang; Yen-Chen Chen; Ka-Jie Yang "Simultaneous Carrier Frequency Offset Estimation for Multi-Point Transmission in OFDM Systems", *Global Telecommunications Conference (GLOBECOM 2011), 2011 IEEE*, On page(s): 1 - 5
Abstract | Full Text: PDF (527KB)
466. Zheng, Y.R.; Jian Zhang "Improved Frequency-Domain Channel Estimation for Fast Time-Varying MIMO-SCFDE Channels", *Communications, 2008. ICC '08. IEEE International Conference on*, On page(s): 5108 - 5112
Abstract | Full Text: PDF (174KB)
467. Lianqing Ji; Jianing Zhao; Qing Huang "The Research and Implementation of the Hardware Platform for MIMO Channel Measurement", *Wireless Communications Networking and Mobile Computing (WiCOM), 2010 6th International Conference on*, On page(s): 1 - 4
Abstract | Full Text: PDF (332KB)
468. Duanmu Chunjiang; Huang Feng "A timing synchronization method for MIMO-OFDM systems", *Information Science and Engineering (ICISE), 2010 2nd International Conference on*, On page(s): 1807 - 1810

- Abstract | Full Text: PDF (197KB)
469. Kumar, P.V. "On the existence of square dot-matrix patterns having a specific three-valued periodic-correlation function", *Information Theory, IEEE Transactions on*, On page(s): 271 - 277
Volume: 34, Issue: 2, Mar 1988
Abstract | Full Text: PDF (520KB)
470. Propovic, B.M. "New class of complex sequences with ideal autocorrelation". *Electrotechnical Conference, 1989. Proceedings. 'Integrating Research, Industry and Education in Energy and Communication Engineering', MELECON '89., Mediterranean*, On page(s): 618 - 620
Abstract | Full Text: PDF (144KB)
471. Barton, M.; Tufts, D.W. "Reduced-rank least squares channel estimation", *Acoustics, Speech and Signal Processing, IEEE Transactions on*, On page(s): 1403 - 1410 Volume: 38, Issue: 8, Aug 1990
Abstract | Full Text: PDF (708KB)
472. Wang, J.-D.; Chao, T.-H.S.; Saltzberg, B. "Training signal and receiver design for multipath channel characterization for TV broadcasting", *Consumer Electronics, IEEE Transactions on*, On page(s): 794 - 806 Volume: 36, Issue: 4, Nov 1990
Abstract | Full Text: PDF (1076KB)
473. Gerlach, K.; Kretschmer, F.F. "Reciprocal radar waveforms", *Aerospace and Electronic Systems, IEEE Transactions on*, On page(s): 646 - 654 Volume: 27, Issue: 4, Jul 1991
Abstract | Full Text: PDF (616KB)
474. Wang, T.J. "Complex-valued ghost cancellation reference signal for TV broadcasting", *Consumer Electronics, IEEE Transactions on*, On page(s): 731 - 736 Volume: 37, Issue: 4, Nov 1991
Abstract | Full Text: PDF (332KB)
475. Lam, A.W.; Ozluturk, F.M. "Performance bounds for direct-sequence spread-spectrum communications with complex signature sequences", *Computers and Communications, 1991. Conference Proceedings., Tenth Annual International Phoenix Conference on*, On page(s): 408 - 414
Abstract | Full Text: PDF (488KB)
476. Guoz-hu Long; Fuyun Ling "A new complex system identification method and its application to echo canceller fast initialization", *Acoustics, Speech, and Signal Processing, 1990. ICASSP-90., 1990 International Conference on*, On page(s): 1671 - 1674 vol.3
Abstract | Full Text: PDF (388KB)
477. Fuyun Ling; Guoz-hu Long "Correlation-based fast training of data-driven Nyquist in-band echo cancellers", *Communications, 1990. ICC '90, Including Supercomm Technical Sessions. SUPERCOMM/ICC '90. Conference Record., IEEE International Conference on*, On page(s): 1280 - 1284 vol.4
Abstract | Full Text: PDF (532KB)
478. Bomer, L.; Antweiler, M. "Perfect N-phase sequences and arrays [spread spectrum communication]", *Selected Areas in Communications, IEEE Journal on*, On page(s): 782 - 789
Volume: 10, Issue: 4, May 1992
Abstract | Full Text: PDF (504KB)
479. Ziegler, R.A.; Cioffi, J.M. "Estimation of time-varying digital radio channels", *Vehicular Technology, IEEE Transactions on*, On page(s): 134 - 151 Volume: 41, Issue: 2, May 1992
Abstract | Full Text: PDF (1532KB)
480. Levanon, N.; Freedman, A. "Periodic ambiguity function of CW signals with perfect periodic autocorrelation", *Aerospace and Electronic Systems, IEEE Transactions on*, On page(s): 387 -

- 395 Volume: 28, Issue: 2, Apr 1992
 Abstract | Full Text: PDF (548KB)
481. Popovic, B.M. "Generalized chirp-like polyphase sequences with optimum correlation properties", *Information Theory, IEEE Transactions on*, On page(s): 1406 - 1409 Volume: 38, Issue: 4, Jul 1992
 Abstract | Full Text: PDF (320KB)
482. Lam, A.W.: Ozluturk, F.M. "Performance bounds for DS/SSMA communications with complex signature sequences", *Communications, IEEE Transactions on*, On page(s): 1607 - 1614 Volume: 40, Issue: 10, Oct 1992
 Abstract | Full Text: PDF (620KB)
483. Luke, H.D. "Sequences and arrays with perfect periodic correlation", *Aerospace and Electronic Systems, IEEE Transactions on*, On page(s): 287 - 294 Volume: 24, Issue: 3, May 1988
 Abstract | Full Text: PDF (496KB)
484. Bomer, L.; Antweiler, M.; Schotten, H. "Perfect arrays with small phase alphabet", *Acoustics, Speech, and Signal Processing, 1992. ICASSP-92., 1992 IEEE International Conference on*, On page(s): 429 - 432 vol.3 Volume: 3, 23-26 Mar 1992
 Abstract | Full Text: PDF (240KB)
485. Guoz-hu Long; Fuyun Ling "Fast initialization of data-driven Nyquist in-band echo cancellers ", *Communications, IEEE Transactions on*, On page(s): 893 - 904 Volume: 41, Issue: 6, Jun 1993
 Abstract | Full Text: PDF (964KB)
486. Mow, W.H.; Li, S.-Y.R. "Aperiodic autocorrelation properties of perfect polyphase sequences ", *Singapore ICCS/ISITA '92. 'Communications on the Move'*, On page(s): 1232 - 1234 vol.3
 Abstract | Full Text: PDF (124KB)
487. Zhang, N.; Golomb, S.W. "Polyphase sequence with low autocorrelations", *Information Theory, IEEE Transactions on*, On page(s): 1085 - 1089 Volume: 39, Issue: 3, May 1993
 Abstract | Full Text: PDF (489KB)
488. Xixian Chen; Suzuki, M.; Miki, N.; Nagai, N. "A full-duplex fast training algorithm for simultaneously estimating echo and channel response", *Communications, 1992. ICC '92, Conference record, SUPERCOMM/ICC '92, Discovering a New World of Communications., IEEE International Conference on*, On page(s): 1503 - 1507 vol.3
 Abstract | Full Text: PDF (320KB)
489. Fechtel, S.A.; Meyr, H. "Optimal feedforward estimation of frequency-selective fading, radio channels using statistical channel information", *Communications, 1992. ICC '92, Conference record, SUPERCOMM/ICC '92, Discovering a New World of Communications., IEEE International Conference on*, On page(s): 677 - 681 vol.2
 Abstract | Full Text: PDF (428KB)
490. Rohrs, U.H.; Linde, L.P. "Some unique properties and applications of perfect squares minimum phase CAZAC sequences", *Communications and Signal Processing, 1992. COMSIG '92., Proceedings of the 1992 South African Symposium on*. On page(s): 155 - 160
 Abstract | Full Text: PDF (352KB)
491. Popovic, B.M. "Efficient matched filter for the generalized chirp-like polyphase sequences", *Aerospace and Electronic Systems, IEEE Transactions on*, On page(s): 769 - 777 Volume: 30, Issue: 3, Jul 1994
 Abstract | Full Text: PDF (608KB)
492. Oppermann, I.; Vucetic, B.S. "Complex valued spreading sequences with good crosscorrelation properties", *Spread Spectrum Techniques and Applications, 1994. IEEE ISSSTA '94., IEEE Third International Symposium on*, On page(s): 500 - 504 vol.2

[Abstract](#) | [Full Text: PDF \(264KB\)](#)

493. Gabidulin, E.M. "Design of signals with favorable correlation properties", *Information Theory, 1994. Proceedings., 1994 IEEE International Symposium on*, On page(s): 279

[Abstract](#) | [Full Text: PDF \(60KB\)](#)

494. Ozluturk, F.M.; ; Lam, A.W. "Performance bounds for DS/SSMA systems with binary noncoherent signaling schemes", *Military Communications Conference. 1993. MILCOM '93. Conference record. Communications on the Move., IEEE*, On page(s): 214 - 218 vol.1 Volume: 1, 11-14 Oct 1993

[Abstract](#) | [Full Text: PDF \(376KB\)](#)

495. Xixian Chen; Suzuki, M.; Miki, N.; Nagai, N. "Simultaneous estimation of echo path and channel responses using full-duplex transmitted training data sequences", *Information Theory, IEEE Transactions on*, On page(s): 1409 - 1417 Volume: 41, Issue: 5, Sep 1995

[Abstract](#) | [Full Text: PDF \(654KB\)](#)

496. Lok, T.M.; Lehnert, J.S. "An asymptotic analysis of DS/SSMA communication systems with random polyphase signature sequences", *Information Theory, IEEE Transactions on*, On page(s): 129 - 136 Volume: 42, Issue: 1, Jan 1996

[Abstract](#) | [Full Text: PDF \(652KB\)](#)

497. Lotter, M.P.; Linde, L.P. "A comparison of three families of spreading sequences for CDMA applications", *Communications and Signal Processing, 1994. COMSIG-94., Proceedings of the 1994 IEEE South African Symposium on*, On page(s): 68 - 75

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

498. Oppermann, I.; Vucetic, B.S. "Complex pseudo random spreading sequences with a wide range of correlation properties", *Global Telecommunications Conference, 1994. GLOBECOM '94. Communications: The Global Bridge., IEEE*, On page(s): 1738 - 1742 vol.3 Volume: 3, 28 Nov- 2 Dec 1994

[Abstract](#) | [Full Text: PDF \(348KB\)](#)

499. Cacopardi, S.; Frescura, F.; Gambi, M.; Reali, G. "New concatenated sequences for wireless indoor asynchronous DS-CDMA communications", *Communications, 1996. ICC '96, Conference Record, Converging Technologies for Tomorrow's Applications. 1996 IEEE International Conference on*, On page(s): 63 - 67 vol.1 Volume: 1, 23-27 Jun 1996

[Abstract](#) | [Full Text: PDF \(404KB\)](#)

500. Oppermann, I.; Vucetic, B.S. "Complex spreading sequences with a wide range of correlation properties", *Communications, IEEE Transactions on*, On page(s): 365 - 375 Volume: 45, Issue: 3, Mar 1997

[Abstract](#) | [Full Text: PDF \(468KB\)](#)

501. Lotter, M.P.; Linde, L.P. "A class of bandlimited complex spreading sequences with analytic properties", *Spread Spectrum Techniques and Applications Proceedings, 1996., IEEE 4th International Symposium on*, On page(s): 662 - 666 vol.2 Volume: 2, 22-25 Sep 1996

[Abstract](#) | [Full Text: PDF \(360KB\)](#)

502. Cacopardi, S.; Frescura, F.; Gatti, F.; Reali, G. "Performance evaluation of a WLAN radio subsystem based on the RAKE receiver using measured channel delay profiles", *Spread Spectrum Techniques and Applications Proceedings, 1996., IEEE 4th International Symposium on*, On page(s): 1334 - 1338 vol.3 Volume: 3, 22-25 Sep 1996

[Abstract](#) | [Full Text: PDF \(468KB\)](#)

503. Wai Ho Mow "Even-odd transformation with application to multi-user CW radars ", *Spread Spectrum Techniques and Applications Proceedings, 1996., IEEE 4th International Symposium on*, On page(s): 191 - 194 vol.1 Volume: 1, 22-25 Sep 1996

Abstract | Full Text: PDF (292KB)

504. Farhang-Boroujeny, B. "Experimental study of semi-blind channel identification/equalization through pilot signals", *Signal Processing, 1996., 3rd International Conference on*, On page(s): 618 - 621 vol.1 Volume: 1, 14-18 Oct 1996

Abstract | Full Text: PDF (336KB)

505. Bomer, L.; Antweiler, M. "Perfect three-level and three-phase sequences and arrays". *Communications, IEEE Transactions on*, On page(s): 767 - 772 Volume: 42, Issue: 234, Feb/Mar/Apr 1994

Abstract | Full Text: PDF (572KB)

506. Fechtel, S.A.; Meyr, H. "Optimal parametric feedforward estimation of frequency-selective fading radio channels", *Communications, IEEE Transactions on*, On page(s): 1639 - 1650 Volume: 42, Issue: 234, Feb/Mar/Apr 1994

Abstract | Full Text: PDF (1312KB)

507. Ng, J.C.L.; Letaief, K.B.; Murch, R.D. "Multi-phase optimal sequences for fast initialization of channel estimation and equalization", *Communications, 1997. ICC '97 Montreal, Towards the Knowledge Millennium. 1997 IEEE International Conference on*, On page(s): 1484 - 1487 vol.3 Volume: 3, 8-12 Jun 1997

Abstract | Full Text: PDF (356KB)

508. Li Ping "Code-shift division multiple access for cellular mobile", *Vehicular Technology Conference, 1997, IEEE 47th*, On page(s): 377 - 381 vol.1 Volume: 1, 4-7 May 1997

Abstract | Full Text: PDF (416KB)

509. Reali, G.; Gatti, F.; Frescura, F.; Cacopardi, S. "RAKE performance using optimum estimation in measured indoor environment", *Vehicular Technology Conference, 1997, IEEE 47th*, On page(s): 1699 - 1703 vol.3 Volume: 3, 4-7 May 1997

Abstract | Full Text: PDF (364KB)

510. Weiping Li; Xixian Chen; Yi Wang; Miki, N. "Full-duplex fast estimation of echo and channel responses in the presence of frequency offsets in both far echo and far signal", *Signal Processing, IEEE Transactions on*, On page(s): 2401 - 2404 Volume: 45, Issue: 9, Sep 1997

Abstract | Full Text: PDF (136KB)

511. Mowbray, S.; Pringle, R.D. "SSNET: A Spread Spectrum Local Area Network Simulation", *Spread Spectrum Techniques and Applications, 1990., IEEE International Symposium on*, On page(s): 170 - 175

Abstract | Full Text: PDF (488KB)

512. Rohrs, U.H.; Linde, L.P. "Cazac Code Tracking Loop", *Communications and Signal Processing, 1990. COMSIG 90. Proceedings., IEEE 1990 South African Symposium on*, On page(s): 142 - 146

Abstract | Full Text: PDF (360KB)

513. Ng, J.C.L.; Letaief, K.B.; Murch, R.D. "Complex optimal sequences with constant magnitude for fast channel estimation initialization". *Communications, IEEE Transactions on*, On page(s): 305 - 308 Volume: 46, Issue: 3, Mar 1998

Abstract | Full Text: PDF (140KB)

514. "Construction of binary almost perfect sequences based on extended cyclic difference sets", *Broadband Communications, 1998. Accessing, Transmission, Networking. Proceedings. 1998 International Zurich Seminar on*, On page(s): 243 - 248

Abstract | Full Text: PDF (456KB)

515. Weiping Li; Xixian Chen; Yi Wang; Miki, N. "Frequency and symbol rate offset compensating algorithms for simultaneous estimation of echo and channel responses", *Information Theory, IEEE*

Transactions on, On page(s): 1702 - 1708 Volume: 44, Issue: 4, Jul 1998

Abstract | Full Text: PDF (252KB)

516. Bomer, L.; Antweiler, M. "New Perfect Threelevel And Threephase Sequences", *Information Theory, 1991 (papers in summary form only received), Proceedings. 1991 IEEE International Symposium on (Cat. No.91CH3003-1)*, On page(s): 280 - 280
Abstract | Full Text: PDF (84KB)
517. Jamil, M.; Linde, L.P. "A comparison of unfiltered and filtered complex spreading sequences based on aperiodic correlation properties", *Spread Spectrum Techniques and Applications, 1998. Proceedings., 1998 IEEE 5th International Symposium on*, On page(s): 686 - 691 vol.3 Volume: 3, 2-4 Sep 1998
Abstract | Full Text: PDF (812KB)
518. Popovic, B.M. "Spreading waveforms for multi-carrier CDMA systems", *Spread Spectrum Techniques and Applications, 1998. Proceedings., 1998 IEEE 5th International Symposium on*, On page(s): 205 - 209 vol.1 Volume: 1, 2-4 Sep 1998
Abstract | Full Text: PDF (500KB)
519. Del Re, E.; Fantacci, R.; Ronga, L.S. "Spectral spreading signals for asynchronous CDMA", *Universal Personal Communications, 1998. ICUPC '98. IEEE 1998 International Conference on*, On page(s): 993 - 996 vol.2 Volume: 2, 5-9 Oct 1998
Abstract | Full Text: PDF (332KB)
520. Del Re, E.; Fantacci, R.; Ronga, L.S. "PS-CDMA: spreading signals for CDMA designed in the frequency domain using perfect sequences", *Global Telecommunications Conference, 1998. GLOBECOM 1998. The Bridge to Global Integration. IEEE*, On page(s): 3420 - 3425 vol.6 Volume: 6, 1998
Abstract | Full Text: PDF (300KB)
521. Byoung-Jo Choi; Ee-Lin Kuan; Hanzo, L. "Crest-factor study of MC-CDMA and OFDM", *Vehicular Technology Conference, 1999. VTC 1999 - Fall. IEEE VTS 50th*, On page(s): 233 - 237 vol.1 Volume: 1, 1999
Abstract | Full Text: PDF (300KB)
522. Staphorst, L.; Jamil, M.; Linde, L.P. "Performance evaluation of a QPSK system employing complex spreading sequences in a fading environment", *Vehicular Technology Conference, 1999. VTC 1999 - Fall. IEEE VTS 50th*, On page(s): 2964 - 2968 vol.5 Volume: 5, 1999
Abstract | Full Text: PDF (364KB)
523. Wai Ho Mow "Even-odd transformation with application to multiuser CW radars", *Aerospace and Electronic Systems, IEEE Transactions on*, On page(s): 1466 - 1470 Volume: 35, Issue: 4, Oct 1999
Abstract | Full Text: PDF (260KB)
524. Swanepoel, S.A.; Linde, L.P. "A time spread technique with interference cancellation for fading mobile communication channels", *Africon, 1999 IEEE*, On page(s): 131 - 134 vol.1 Volume: 1, 1999
Abstract | Full Text: PDF (340KB)
525. Staphorst, L.; Jamil, M.; Linde, L.P. "Performance of a synchronous balanced QPSK CDMA system using complex spreading sequences in AWGN", *Africon, 1999 IEEE*, On page(s): 215 - 220 vol.1 Volume: 1, 1999
Abstract | Full Text: PDF (368KB)
526. Stanczak, S.; Boche, H. "Aperiodic properties of generalized binary Rudin-Shapiro sequences and some recent results on sequences with a quadratic phase function", *Broadband Communications, 2000. Proceedings. 2000 International Zurich Seminar on*, On page(s): 279 - 286

Abstract | Full Text: PDF (588KB)

527. Boche, H.; Stanczak, S. "Estimation of deviations between the aperiodic and periodic correlation functions of polyphase sequences in vicinity of the zero shift", *Spread Spectrum Techniques and Applications, 2000 IEEE Sixth International Symposium on*, On page(s): 283 - 287 vol.1 Volume: 1, Sep 2000

Abstract | Full Text: PDF (368KB)

528. Bogucka, H. "Effectiveness and performance analysis of various spreading codes applied in multicarrier CDMA wireless systems", *Wireless Communications and Networking Conference, 2000. WCNC. 2000 IEEE*, On page(s): 681 - 685 vol.2 Volume: 2, 2000

Abstract | Full Text: PDF (392KB)

529. So Ryoung Park; lickho Song; Seokho Yoon; Yun Hee Kim "New polyphase sequences with good even and odd crosscorrelation properties", *MILCOM 2000. 21st Century Military Communications Conference Proceedings*, On page(s): 574 - 578 vol.2 Volume: 1, 2000

Abstract | Full Text: PDF (352KB)

530. Boche, H.; Stanczak, S. "Lower bound on mean squared channel estimation error for multiuser receiver", *Circuits and Systems, 2001. ISCAS 2001. The 2001 IEEE International Symposium on*, On page(s): 61 - 64 vol. 2 Volume: 2, 6-9 May 2001

Abstract | Full Text: PDF (296KB)

531. Al-Dhahir, N. "Single-carrier frequency-domain equalization for space-time-coded transmissions over broadband wireless channels", *Personal, Indoor and Mobile Radio Communications, 2001 12th IEEE International Symposium on*, On page(s): B-143 - B-146 vol.1 Volume: 1, Sep 2001

Abstract | Full Text: PDF (282KB)

532. Leśnik, C.; Brenner, T.; Pietrasinski, J.; Rapacki, T. "Synthesis of efficient matched filter for polyphase sequences", *Radar, 2001 CIE International Conference on, Proceedings*, On page(s): 543 - 547

Abstract | Full Text: PDF (275KB)

533. Falconer, D.; Ariyavisitakul, S.L.; Benyamin-Seeyar, A.; Eidson, B. "Frequency domain equalization for single-carrier broadband wireless systems", *Communications Magazine, IEEE*, On page(s): 58 - 66 Volume: 40, Issue: 4, Apr 2002

Abstract | Full Text: PDF (712KB)

534. Shengli Zhou; Giannakis, G.B.; Swami, A. "Digital multi-carrier spread spectrum versus direct sequence spread spectrum for resistance to jamming and multipath", *Communications, IEEE Transactions on*, On page(s): 643 - 655 Volume: 50, Issue: 4, Apr 2002

Abstract | Full Text: PDF (484KB)

535. Fragouli, C.; Al-Dhahir, N.; Turin, W. "Finite-alphabet constant-amplitude training sequence for multiple-antenna broadband transmissions", *Communications, 2002. ICC 2002. IEEE International Conference on*, On page(s): 6 - 10 Volume: 1, 2002

Abstract | Full Text: PDF (246KB)

536. Byoung-Jo Choi; Tellambura, C.; Hanzo, L. "Crest factors of Shapiro-Rudin sequence based multi-code MC-CDMA signals", *Vehicular Technology Conference, 2002. VTC Spring 2002. IEEE 55th*, On page(s): 1472 - 1476 vol.3 Volume: 3, 2002

Abstract | Full Text: PDF (592KB)

537. Al-Dhahir, N. "Exploiting the structure of space-time codes", *Computers and Communications, 2002. Proceedings. ISCC 2002. Seventh International Symposium on*, On page(s): 1009 - 1014

Abstract | Full Text: PDF (946KB)

538. Al-Dhahir, N. "Overview and comparison of equalization schemes for space-time-coded signals

- with application to EDGE", *Signal Processing, IEEE Transactions on*, On page(s): 2477 - 2488
Volume: 50, Issue: 10, Oct 2002
Abstract | Full Text: PDF (430KB)
539. Wunder, G.; Stanczak, S.; Boche, H. "Channel estimation for the uplink of CDMA systems with linear MMSE estimators: lower bounds and optimal sequences", *Spread Spectrum Techniques and Applications, 2002 IEEE Seventh International Symposium on*, On page(s): 34 - 38 vol.1
Volume: 1, 2002
Abstract | Full Text: PDF (402KB)
540. Welch, L. "Lower bounds on the maximum cross correlation of signals (Corresp.)", *Information Theory, IEEE Transactions on*, On page(s): 397 - 399 Volume: 20, Issue: 3, May 1974
Abstract | Full Text: PDF (440KB)
541. Scholtz, R.A.; Welch, L. "Group characters: Sequences with good correlation properties", *Information Theory, IEEE Transactions on*, On page(s): 537 - 545 Volume: 24, Issue: 5, Sep 1978
Abstract | Full Text: PDF (840KB)
542. Sivaswamy, R. "Multiphase Complementary Codes", *Information Theory, IEEE Transactions on*, On page(s): 546 - 552 Volume: 24, Issue: 5, Sep 1973
Abstract | Full Text: PDF (840KB)
543. Alltop, W.O. "Complex sequences with low periodic correlations (Corresp.)", *Information Theory, IEEE Transactions on*, On page(s): 350 - 354 Volume: 26, Issue: 3, May 1980
Abstract | Full Text: PDF (736KB)
544. McGree, Thomas P.; Cooper, George R. "Upper bounds and construction techniques for signal sets with constrained synchronous correlation and specified time - bandwidth product (Corresp.)", *Information Theory, IEEE Transactions on*, On page(s): 439 - 443 Volume: 30, Issue: 2, Mar 1984
Abstract | Full Text: PDF (776KB)
545. Falconer, D.D.; Ariyavisitakul, S.L. "Broadband wireless using single carrier and frequency domain equalization", *Wireless Personal Multimedia Communications, 2002. The 5th International Symposium on*, On page(s): 27 - 36 vol.1 Volume: 1, 27-30 Oct. 2002
Abstract | Full Text: PDF (935KB)
546. So Ryoung Park; Ickho Song; Seokho Yoon; Lee, J. "A new polyphase sequence with perfect even and good odd cross-correlation functions for DS/CDMA systems", *Vehicular Technology, IEEE Transactions on*, On page(s): 855 - 866 Volume: 51, Issue: 5, Sep 2002
Abstract | Full Text: PDF (846KB)
547. Pryra, I.; Linde, L.P.; Swanepoel, S.A. "New family of constant-envelope root-of-unity filtered complex spreading sequences with zero cross-correlation properties", *Africon Conference in Africa, 2002. IEEE AFRICON. 6th*, On page(s): 299 - 304 vol.1 Volume: 1, 2-4 Oct. 2002
Abstract | Full Text: PDF (418KB)
548. Fragouli, C.; Al-Dhahir, N.; Turin, William "Training-based channel estimation for multiple-antenna broadband transmissions", *Wireless Communications, IEEE Transactions on*, On page(s): 384 - 391 Volume: 2, Issue: 2, Mar 2003
Abstract | Full Text: PDF (515KB)
549. Rahardja, S.; Wee Ser; Zinan Lin "UCHT-based complex sequences for asynchronous CDMA system", *Communications, IEEE Transactions on*, On page(s): 618 - 626 Volume: 51, Issue: 4, April 2003
Abstract | Full Text: PDF (602KB)
550. Byoung-Jo Choi; Hanzo, L. "Crest factors of complementary-sequence-based multicode MC-CDMA signals", *Wireless Communications, IEEE Transactions on*, On page(s): 1114 - 1119

Cited by Other Publications (22)

[Back To Top](#)

1. Mehedy, L.; Bakaul, M.; Nirmalathas, A.; Skafidas, E. "OFDM versus single carrier towards spectrally efficient 100 Gb/s transmission with direct detection", *Optical Communications and Networking, IEEE/OSA Journal of*, On page(s): 779 - 789, Volume: 4 Issue: 10, Oct. 2012
Abstract | Full Text: PDF (1737KB)
2. Xueying Hou; Chenyang Yang "Joint channel estimation for downlink base station cooperative transmission exploiting channel asymmetry", *Communications and Networking in China (CHINACOM), 2010 5th International ICST Conference on*, On page(s): 1 - 5, Volume: Issue: , 25-27 Aug. 2010
Abstract | Full Text: PDF (201KB)
3. Askar, R.; Zarifeh, N.; Schubert, B.; Keusgen, W.; Kaiser, T. "I/Q imbalance calibration for higher self-interference cancellation levels in Full Duplex wireless transceivers", *5G for Ubiquitous Connectivity (5GU), 2014 1st International Conference on*, On page(s): 92 - 97, Volume: Issue: , 26-28 Nov. 2014
Abstract | Full Text: PDF (1410KB)
4. Yuejie Chi; Gomaa, A.; Al-Dhahir, N.; Calderbank, R. "MMSE-optimal training sequences for spectrally-efficient Multi-User MIMO-OFDM systems", *Signal Processing Conference, 2011 19th European*, On page(s): 634 - 638, Volume: Issue: , Aug. 29 2011-Sept. 2 2011
Abstract | Full Text: PDF (206KB)
5. Lemur, D.; Erhel, Y.; Oger, M.; Le Masson, J. "MIMO channel measurements on a ionospheric HF (3-30 MHz) radio link", *Systems, Signals and Image Processing (IWSSIP), 2014 International Conference on*, On page(s): 191 - 194, Volume: Issue: , 12-15 May 2014
Abstract | Full Text: PDF (982KB)
6. Tanaka, A.; Kawamura, T.; Sawahashi, M. "Performance of decision-directed channel estimation using effective path selection in time domain for uplink DFT-precoded OFDMA", *Wireless Personal Multimedia Communications (WPMC), 2011 14th International Symposium on*, On page(s): 1 - 5, Volume: Issue: , 3-7 Oct. 2011
Abstract | Full Text: PDF (271KB)
7. Hikosaka, Y.; Kawamura, T.; Taoka, H.; Sawahashi, M. "Effects of open-loop transmit diversity schemes with four antennas on control signals using cyclic-shift CDMA", *Wireless Personal Multimedia Communications (WPMC), 2012 15th International Symposium on*, On page(s): 301 - 305, Volume: Issue: , 24-27 Sept. 2012
Abstract | Full Text: PDF (392KB)
8. Juinn-Horng Deng; Hsin-Shan Hsieh; Kuo-Tai Feng "Low complexity I/Q imbalance and channel estimation techniques for MIMO OFDM systems", *Advanced Communication Technology (ICACT) 2013 15th International Conference on*, On page(s): 238 - 243, Volume: Issue: , 27-30 Jan. 2013
Abstract | Full Text: PDF (1667KB)
9. Namyoon Lee; Hoonkyung Cho; Joohwan Chun "Waveform diversity in multi sensor systems : Orthogonal pulse compression waveforms", *Synthetic Aperture Radar (APSAR), 2011 3rd International Asia-Pacific Conference on*, On page(s): 1 - 4, Volume: Issue: , 26-30 Sept. 2011
Abstract | Full Text: PDF (255KB)

10. Mori, C.; Kawamura, T.; Miki, N.; Sawahashi, M. "Link-level performance of star 32/64QAM schemes using frequency domain equalizer for DFT-precoded OFDMA", *Wireless Personal Multimedia Communications (WPMC), 2012 15th International Symposium on*, On page(s): 266 - 270, Volume: Issue: , 24-27 Sept. 2012
Abstract|Full Text: PDF (379KB)
11. Juinn-Horng Deng; Kuo-Tai Feng "Time-frequency-multiplex preamble design for joint I/Q imbalance, CFO and channel estimation in OFDM systems", *Advanced Communication Technology (ICACT), 2013 15th International Conference on*, On page(s): 295 - 300, Volume: Issue: , 27-30 Jan. 2013
Abstract|Full Text: PDF (2446KB)
12. Ndao, P.M.; Erhel, Y.; Lemur, D.; Oger, M.; Le Masson, J. "Implementation of a MIMO solution for ionospheric HF (3–30 MHz) radio links", *Antennas and Propagation (EuCAP), 2013 7th European Conference on*, On page(s): 510 - 514, Volume: Issue: , 8-12 April 2013
Abstract|Full Text: PDF (573KB)
13. Lakshmanan, M.; Noormohammed, V.; Nandakumar, S. "Frequency domain equalization for single carrier wireless systems", *Control, Automation, Communication and Energy Conservation, 2009. INCACEC 2009. 2009 International Conference on*, On page(s): 1 - 7, Volume: Issue: , 4-6 June 2009
Abstract|Full Text: PDF (473KB)
14. Hayashi, T.; Watanabe, Y.; Matsufuji, S.; Maeda, T. "A novel zero-correlation zone sequence set having a low-peak factor and a flat power spectrum", *Information Theory and its Applications (ISITA), 2014 International Symposium on*, On page(s): 655 - 659, Volume: Issue: , 26-29 Oct. 2014
Abstract|Full Text: PDF (272KB)
15. Falconer, D.; Danilo-Lemoine, F.; Chan-Tong Lam; Sabbaghian, M. "Power backoff reduction for generalized multicarrier waveforms", *Signal Processing Conference, 2007 15th European*, On page(s): 693 - 697, Volume: Issue: , 3-7 Sept. 2007
Abstract|Full Text: PDF (269KB)
16. Li, An; Chen, Xi; Gao, Guanjun; Shieh, W. "Transmission of 1-Tb/s unique-word DFT-spread OFDM superchannel over 8,000-km SSMF", *Communications and Photonics Conference and Exhibition, 2011. ACP. Asia*, On page(s): 1 - 7, Volume: Issue: , 13-16 Nov. 2011
Abstract|Full Text: PDF (1703KB)
17. Mavrokefalidis, C.; Berberidis, K. "Improving the performance of the semi-blind cross-relation-based channel estimation method", *Signal Processing Conference, 2010 18th European*, On page(s): 1130 - 1134, Volume: Issue: , 23-27 Aug. 2010
Abstract|Full Text: PDF (201KB)
18. Hao, Jinxing; Wang, Jintao; Zheng, Yahong Rosa; Song, Jian "MIMO TDS-OFDM for underwater acoustic communication with turbo equalization", *OCEANS'15 MTS/IEEE Washington*, On page(s): 1 - 6, Volume: Issue: , 19-22 Oct. 2015
Abstract|Full Text: PDF (895KB)
19. Lianqing Ji; Jianing Zhao; Jianyi Zhou "Design of a compact hardware platform for broadband MIMO channel measurement", *Microwave Conference Proceedings (APMC), 2011 Asia-Pacific*, On page(s): 1422 - 1425, Volume: Issue: , 5-8 Dec. 2011
Abstract|Full Text: PDF (445KB)
20. Lin Cheng; Gul, M.M.U.; Ng'oma, A.; Feng Lu; Xiaoli Ma; Gee-Kung Chang "High-diversity millimeter-wave CoMP transmission based on centralized SFBC in radio-over-fiber systems", *Optical Fiber Communications Conference and Exhibition (OFC), 2015*, On page(s): 1 - 3, Volume: Issue: , 22-26 March 2015

[Abstract](#) | [Full Text: PDF \(222KB\)](#)

21. Spinnler, B.; Calabro, S.; Kuschnerov, M. "Pilot-assisted channel estimation methods for coherent receivers", *Optical Fiber Communication Conference and Exposition and the National Fiber Optic Engineers Conference (OFC/NFOEC), 2013*, On page(s): 1 - 3, Volume: Issue: , 17-21 March 2013

[Abstract](#) | [Full Text: PDF \(1340KB\)](#)

22. Jing Zhou; Li, Daoben "Notes on the balance property of Golay complementary pairs", *World Automation Congress (WAC), 2012*, On page(s): 1 - 4, Volume: Issue: , 24-28 June 2012

[Abstract](#) | [Full Text: PDF \(185KB\)](#)

Cited in Patents (71) Patent Links Provided by 1790 Analytics

[Back To Top](#)

1. Han, Seung Hee ; Noh, Min Seok ; Kwon, Yeong Hyeon ; Lee, Hyun Woo ; Kim, Dong Cheol ; Kwak, Jin Sam , "Method of performing cell search in wireless communication system" , Patent No. 9113401
[View at Patent Office](#) | [Full Text:PDF](#)
2. Hart, Michael John Beems ; Zhou, Yuefeng , "Wireless communication systems" , Patent No. 8923187
[View at Patent Office](#) | [Full Text:PDF](#)
3. Popovic, Branislav ; Mauritz, Oskar , "Method and system for synchronization in communication system" , Patent No. 8897286
[View at Patent Office](#) | [Full Text:PDF](#)
4. Kawamura, Teruo ; Higuchi, Kenichi ; Sawahashi, Mamoru , "User apparatus, base station apparatus, and method" , Patent No. 8873499
[View at Patent Office](#) | [Full Text:PDF](#)
5. Brodzik, Andrzej K. ; Tolimieri, Richard , "Time-frequency space constructions of families of signals" , Patent No. 8811535
[View at Patent Office](#) | [Full Text:PDF](#)
6. Kawamura, Teruo ; Kishiyama, Yoshihisa ; Higuchi, Kenichi ; Sawahashi, Mamoru , "User device, base station, and method" , Patent No. 8797946
[View at Patent Office](#) | [Full Text:PDF](#)
7. Liu, Xiang ; Sethumadhavan, Chandrasekhar , "Pilot-assisted data transmission in a coherent optical-communication system" , Patent No. 8660433
[View at Patent Office](#) | [Full Text:PDF](#)
8. Forenza, Antonio ; Perlman, Stephen G. , "System and method for distributed antenna wireless communications" , Patent No. 8654815
[View at Patent Office](#) | [Full Text:PDF](#)
9. Hart, Michael John Beems ; Zhou, Yuefeng , "Communication system with improved QOS for multihop relay ink" , Patent No. 8634343
[View at Patent Office](#) | [Full Text:PDF](#)
10. Kawamura, Teruo ; Kishiyama, Yoshihisa ; Higuchi, Kenichi ; Sawahashi, Mamoru , "Mobile station, base station, communication system, and communication method" , Patent No. 8630226
[View at Patent Office](#) | [Full Text:PDF](#)
11. Hart, Michael John Beems ; Zhou, Yuefeng , "Communication systems" , Patent No. 8594009
[View at Patent Office](#) | [Full Text:PDF](#)

12. Forenza, Antonio ; Perlman, Stephen G. , "System and method for DIDO precoding interpolation in multicarrier systems" , Patent No. 8571086
[View at Patent Office](#) | [Full Text:PDF](#)
13. Kawamura, Teruo ; Higuchi, Kenichi ; Sawahashi, Mamoru , "User apparatus, base station apparatus and method" , Patent No. 8565166
[View at Patent Office](#) | [Full Text:PDF](#)
14. Forenza, Antonio ; Lindskog, Erik ; Perlman, Stephen G. , "Systems and methods to coordinate transmissions in distributed wireless systems via user clustering" , Patent No. 8542763
[View at Patent Office](#) | [Full Text:PDF](#)
15. Popovic, Branislav ; Mauritz, Oskar , "Method and system for synchronization in communication system" , Patent No. 8532084
[View at Patent Office](#) | [Full Text:PDF](#)
16. Han, Seung Hee ; Noh, Min Seok ; Kwon, Yeong Hyeon ; Lee, Hyun Woo ; Kim, Dong Cheol ; Kwak, Jin Sam , "Sequence generating method for efficient detection and method for transmitting and receiving signals using the same" , Patent No. 8520768
[View at Patent Office](#) | [Full Text:PDF](#)
17. Liu, Xiang ; Sethumadhavan, Chandrasekhar , "Coherent optical receiver for pilot-assisted data transmission" , Patent No. 8515286
[View at Patent Office](#) | [Full Text:PDF](#)
18. Han, Seung Hee ; Noh, Min Seok ; Kwon, Yeong Hyeon ; Lee, Hyun Woo ; Kim, Dong Cheol ; Kwak, Jin Sam , "Method of performing cell search in wireless communication system" , Patent No. 8493964
[View at Patent Office](#) | [Full Text:PDF](#)
19. Ishihara, Koichi ; Kobayashi, Takayuki ; Kudo, Riichi ; Takatori, Yasushi ; Matsui, Munehiro ; Mizoguchi, Masato ; Sano, Akihide ; Yamada, Eiichi ; Yamazaki, Etsushi ; Miyamoto, Yutaka ; Nosaka, Hideyuki , "Receiver device, communication system and receiving method" , Patent No. 8488696
[View at Patent Office](#) | [Full Text:PDF](#)
20. Nagata, Satoshi ; Kishiyama, Yoshihisa ; Tanno, Mctohiro ; Sawahashi, Mamoru , "User equipment and cell search method" , Patent No. 8488528
[View at Patent Office](#) | [Full Text:PDF](#)
21. Miki, Nobuhiko ; Higuchi, Kenichi ; Sawahashi, Mamoru , "User apparatus, base station apparatus, and method in mobile communication system" , Patent No. 8411634
[View at Patent Office](#) | [Full Text:PDF](#)
22. Imamura, Daichi ; Iwai, Takashi ; Inogai, Kazunori ; Futagi, Sadaki ; Matsumoto, Atsushi , "Sequence generation method and sequence generation device" , Patent No. 8385843
[View at Patent Office](#) | [Full Text:PDF](#)
23. Gaal, Peter ; Fuchs, Robert J. ; Wei, Yongbin ; Liu, Ke ; Pan, Hanfang ; Malladi, Durga Prasad ; Macek, Daniel T. , "Efficient zadoff-chu sequence generation" , Patent No. 8374072
[View at Patent Office](#) | [Full Text:PDF](#)
24. Imamura, Daichi ; Iwai, Takashi ; Inogai, Kazunori ; Futagi, Sadaki ; Matsumoto, Atsushi , "Sequence generation method and sequence generation device" , Patent No. 8355681
[View at Patent Office](#) | [Full Text:PDF](#)
25. Kawamura, Teruo ; Kishiyama, Yoshihisa ; Higuchi, Kenichi ; Sawahashi, Mamoru , "COMMUNICATION CONTROL METHOD MOBILE STATION AND BASE STATION" , Patent No. 8331301

- [View at Patent Office](#) | [Full Text:PDF](#)
26. Miki, Nobuhiko ; Kishiyama, Yoshihisa ; Sawahashi, Mamoru , "USER EQUIPMENT TERMINAL BASE STATION APPARATUS AND CHANNEL STATE INFORMATION COMMUNICATION METHOD" , Patent No. 8325666
- [View at Patent Office](#) | [Full Text:PDF](#)
27. Han, Seung Hee ; Noh, Min Seok ; Kwon, Yeong Hyeon ; Lee, Hyun Woo ; Kim, Dong Cheol ; Kwak, Jin Sam , "SEQUENCE GENERATING METHOD FOR EFFICIENT DETECTION AND METHOD FOR TRANSMITTING AND RECEIVING SIGNALS USING THE SAME" , Patent No. 8295389
- [View at Patent Office](#) | [Full Text:PDF](#)
28. Hart, Michael John Beems ; Zhou, Yuefeng , "COMMUNICATION SYSTEMS" , Patent No. 8179831
- [View at Patent Office](#) | [Full Text:PDF](#)
29. Hori, Kazuyuki , "MATCHED FILTER AND RECEIVER" , Patent No. 8175198
- [View at Patent Office](#) | [Full Text:PDF](#)
30. Forenza, Antonio ; Perlman, Stephen G. , "SYSTEM AND METHOD FOR ADJUSTING DIDO INTERFERENCE CANCELLATION BASED ON SIGNAL STRENGTH MEASUREMENTS" , Patent No. 8170081
- [View at Patent Office](#) | [Full Text:PDF](#)
31. Forenza, Antonio ; Heath, Jr., Robert W. ; Perlman, Stephen G. , "SYSTEM AND METHOD FOR DISTRIBUTED INPUT DISTRIBUTED OUTPUT WIRELESS COMMUNICATIONS" , Patent No. 8160121
- [View at Patent Office](#) | [Full Text:PDF](#)
32. Han, Seung Hee ; Noh, Min Seok ; Kwon, Yeong Hyeon ; Lee, Hyun Woo ; Kim, Dong Cheol ; Kwak, Jin Sam , "METHOD OF PERFORMING CELL SEARCH IN WIRELESS COMMUNICATION SYSTEM" , Patent No. 8155106
- [View at Patent Office](#) | [Full Text:PDF](#)
33. Kishiyama, Yoshihisa ; Nagata, Satoshi ; Tanno, Mctohiro ; Higuchi, Kenichi ; Sawahashi, Mamoru , "BASE STATION APPARATUS MOBILE STATION APPARATUS AND SYNCHRONIZATION CHANNEL TRANSMISSION METHOD" , Patent No. 8149686
- [View at Patent Office](#) | [Full Text:PDF](#)
34. Higuchi, Kenichi ; Kawamura, Teruo ; Sawahashi, Mamoru ; Dai, Xiaoming ; Bai, Yong ; Chen, Lan , "CODE EVALUATOR CODE EVALUATION METHOD RADIO COMMUNICATION SYSTEM BASE STATION AND MOBILE STATION" , Patent No. 8139692
- [View at Patent Office](#) | [Full Text:PDF](#)
35. Zhou, Yuefeng ; Vadgama, Sunil Keshavji ; Hart, Michael John Beems , "WIRELESS COMMUNICATION SYSTEMS" , Patent No. 8139526
- [View at Patent Office](#) | [Full Text:PDF](#)
36. Han, Seung Hee ; Noh, Min Seok ; Kwon, Yeong Hyeon ; Lee, Hyun Woo ; Kim, Dong Cheol ; Kwak, Jin Sam , "SEQUENCE GENERATING METHOD FOR EFFICIENT DETECTION AND METHOD FOR TRANSMITTING AND RECEIVING SIGNALS USING THE SAME" , Patent No. 8130863
- [View at Patent Office](#) | [Full Text:PDF](#)
37. Kim, Byoung-Hoon ; Wei, Yongbin ; Dabbagh, Amir , "METHOD AND APPARATUS FOR PILOT MULTIPLEXING IN A WIRELESS COMMUNICATION SYSTEM" , Patent No. 8130857
- [View at Patent Office](#) | [Full Text:PDF](#)

38. Han, Seung Hee ; Noh, Min Seok ; Kwon, Yeong Hyeon ; Lee, Hyun Woo ; Kim, Dong Cheol ; Kwak, Jn Sam , "METHOD OF PERFORMING CELL SEARCH IN WIRELESS COMMUNICATION SYSTEM" , Patent No. 8098647
[View at Patent Office](#) | [Full Text:PDF](#)
39. Imamura, Daichi ; Iwai, Takashi ; Inogai, Kazunori ; Futagi, Sadaki ; Matsumoto, Atsushi , "SEQUENCE REPORT METHOD AND SEQUENCE REPORT DEVICE" , Patent No. 8085724
[View at Patent Office](#) | [Full Text:PDF](#)
40. Hart, Michael John Beems ; Zhou, Yuefeng , "COMMUNICATION SYSTEMS" , Patent No. 8085652
[View at Patent Office](#) | [Full Text:PDF](#)
41. Hart, Michael John Beems ; Zhou, Yuefeng , "WIRELESS COMMUNICATION SYSTEMS" , Patent No. 8045496
[View at Patent Office](#) | [Full Text:PDF](#)
42. Kishiyama, Yoshihisa ; Nagata, Satoshi ; Tanno, Mctohiro ; Higuchi, Kenichi ; Sawahashi, Mamoru , "BASE STATION APPARATUS MOBILE STATION APPARATUS AND METHOD OF TRANSMITTING SYNCHRONIZATION CHANNELS" , Patent No. 8027244
[View at Patent Office](#) | [Full Text:PDF](#)
43. Im, Sebin ; Choi, Hyungjin , "TRAINING SEQUENCE FOR WIRELESS COMMUNICATION SYSTEM" , Patent No. 8019025
[View at Patent Office](#) | [Full Text:PDF](#)
44. Hart, Michael John Beems ; Zhou, Yuefeng , "COMMUNICATION SYSTEMS" , Patent No. 7970347
[View at Patent Office](#) | [Full Text:PDF](#)
45. Zhou, Yuefeng ; Hart, Michael John Beems , "COMMUNICATION SYSTEMS" , Patent No. 7965618
[View at Patent Office](#) | [Full Text:PDF](#)
46. Zhou, Yuefeng ; Hart, Michael John Beems ; Vadgama, Sunil Keshavji , "COMMUNICATION SYSTEMS" , Patent No. 7957257
[View at Patent Office](#) | [Full Text:PDF](#)
47. Perlman, Stephen G. ; Cotter, Tim S. ; Cheponis, Mke ; Caimi, Frank M. , "SYSTEM AND METHOD FOR ENHANCING NEAR VERTICAL INCIDENCE SKYWAVE NVIS COMMUNICATION USING SPACE TIME CODING" , Patent No. 7885354
[View at Patent Office](#) | [Full Text:PDF](#)
48. Hosseinian, Seyed M. ; Bultan, Aykut , "METHOD AND APPARATUS FOR CHANNEL ESTIMATION USING TIME FREQUENCY LOCALIZED PILOTS AND DE NOISING TECHNIQUES" , Patent No. 7769075
[View at Patent Office](#) | [Full Text:PDF](#)
49. Perlman, Stephen G. , "SYSTEM AND METHOD FOR SPATIAL MULTIPLEXED TROPOSPHERIC SCATTER COMMUNICATIONS" , Patent No. 7711030
[View at Patent Office](#) | [Full Text:PDF](#)
50. KAWAMURA, Teruo ; KISHIYAMA, Yoshihisa ; HIGUCHI, Kenichi ; SAWAHASHI, Mamoru , "USER DEVICE, BASE STATION DEVICE, AND METHOD" , Patent No. EP2139122
[View at Patent Office](#) | [Full Text Not Available](#)
51. OKUBO Naoto ; ISHII, Hiroyuki ; MIKI, Nobuhiko ; HIGUCHI, Kenichi ; KISHIYAMA, Yoshihisa , "USER DEVICE, BASE STATION DEVICE, AND METHOD IN MOBILE COMMUNICATION

- SYSTEM" , Patent No. EP2139255
View at Patent Office | Full Text Not Available
52. Forenza, Antonio ; Heath, Jr., Robert W. ; Perlman, Stephen G. ; van der Laan, Roger ; Speck, John , "SYSTEM AND METHOD FOR DISTRIBUTED INPUT DISTRIBUTED OUTPUT WIRELESS COMMUNICATIONS" , Patent No. 7636381
View at Patent Office | Full Text:PDF
53. Forenza, Antonio ; Heath, Jr., Robert W. ; Perlman, Stephen G. ; van der Laan, Roger ; Speck, John , "SYSTEM AND METHOD FOR DISTRIBUTED INPUT DISTRIBUTED OUTPUT WIRELESS COMMUNICATIONS" , Patent No. 7633994
View at Patent Office | Full Text:PDF
54. MIKI, Nduhiko ; HIGUCHI, Kenichi ; SAWAHASHI, Mamoru , "USER DEVICE, BASE STATION DEVICE, AND METHOD IN MOBILE COMMUNICATION SYSTEM" , Patent No. EP2129'58
View at Patent Office | Full Text Not Available
55. Forenza, Antonio ; Heath, Jr., Robert W. ; Perlman, Stephen G. ; van der Laan, Roger ; Speck, John , "SYSTEM AND METHOD FOR DISTRIBUTED INPUT DISTRIBUTED OUTPUT WIRELESS COMMUNICATIONS" , Patent No. 7599420
View at Patent Office | Full Text:PDF
56. OFUJI, Yoshiaki ; UMESH, Anil ; HIGUCHI, Kenichi ; SAWAHASHI, Mamoru , "USER DEVICE, BASE STATION APPARATUS, AND METHOD" , Patent No. EP2104239
View at Patent Office | Full Text Not Available
57. Hori, Kazuyuki/o Hitachi, Ltd. , "Matched filter and receiver" , Patent No. EP2077625
View at Patent Office | Full Text Not Available
58. KAWAMURA, Teruo ; HIGUCHI, Kenichi ; SAWAHASHI, Mamoru , "USER DEVICE, BASE STATION DEVICE, AND METHOD" , Patent No. EP2068477
View at Patent Office | Full Text Not Available
59. KIMURA, Dai ; SHIMOMURA, Tsuyoshi , "BASE STATION AND METHOD FOR ALLOCATING FREQUENCY TO PILOT SEQUENCE" , Patent No. EP2028776
View at Patent Office | Full Text Not Available
60. HIGUCHI, Kenichi ; KAWAMURA, Teruo ; SAWAHASHI, Mamoru ; DAI, Xiaoming ; BAI, Yong ; CHEN, Lan , "CODE EVALUATING DEVICE, CODE EVALUATING METHOD, WIRELESS COMMUNICATION SYSTEM, BASE STATION AND MOBILE STATION" , Patent No. EP1998460
View at Patent Office | Full Text Not Available
61. Fang, Yuguang ; Kim, Byung-Seo , "CHANNEL ESTIMATION AND SYNCHRONIZATION WITH PREAMBLE USING POLYPHASE CODE" , Patent No. 7453794
View at Patent Office | Full Text:PDF
62. SHIMOMURA, Tsuyoshi ; KIMURA, Dai , "BASE STATION, WIRELESS COMMUNICATION SYSTEM, AND PILOT PATTERN DECIDING METHOD" , Patent No. EP1991016
View at Patent Office | Full Text Not Available
63. Eatwell, Graham P. , "METHOD AND SYSTEM FOR ON LINE SYSTEM IDENTIFICATION" , Patent No. 5553153
View at Patent Office | Full Text:PDF
64. KOO, David , "A SYSTEM FOR ECHO CANCELLATION COMPRISING A GHOST CANCELLATION REFERENCE SIGNAL" , Patent No. EP0538466

[View at Patent Office](#) | [Full Text Not Available](#)

65. Koo, David , "SYSTEM FOR ECHO CANCELLATION COMPRISING AN IMPROVED GHOST CANCELLATION REFERENCE SIGNAL" , Patent No. 5179444

[View at Patent Office](#) | [Full Text:PDF](#)

[Back To Top](#)

[Personal Sign In](#) | [Create Account](#)

IEEE Account

- » [Change Username/Password](#)
- » [Update Address](#)

Purchase Details

- » [Payment Options](#)
- » [Order History](#)
- » [View Purchased Documents](#)

Profile Information

- » [Communications Preferences](#)
- » [Profession and Education](#)
- » [Technical Interests](#)

Need Help?

- » **US & Canada:** +1 800 678 4333
- » **Worldwide:** +1 732 981 0060
- » [Contact & Support](#)

[About IEEE Xplore](#) | [Contact Us](#) | [Help](#) | [Terms of Use](#) | [Nondiscrimination Policy](#) | [Sitemap](#) | [Privacy & Opting Out of Cookies](#)

A not-for-profit organization, IEEE is the world's largest professional association for the advancement of technology.
© Copyright 2016 IEEE - All rights reserved. Use of this web site signifies your agreement to the terms and conditions.