

## DAFTAR PUSTAKA

- [1] A. Damnjanovic, J. Montojo, Y. Wei, T. Ji, T. Luo, M. Vajapeyam, T. Yoo, O. Song, and D. Malladi, "A Survey On 3GPP Heterogeneous Networks," *IEEE Wirel. Commun.*, vol. 18 no. 3, pp. 10–21, 2011.
- [2] Y. J. Sang, H. G. Hwang, and K. S. Kim, "A Self-Organized Femtocell for IEEE 802.16e System," *GLOBECOM - IEEE Glob. Telecommun. Conf.*, pp. 1–5, 2009.
- [3] V. Chandrasekhar, J. Andrews, and A. Gatherer, "Femtocell Networks : A Survey," *Commun. Mag. IEEE*, vol. 46, pp. 59–67, 2008.
- [4] I. W. Mustika, K. Yamamoto, H. Murata, and S. Yoshida, "Potential Game Approach for Self-Organized Interference Management in Closed Access Femtocell Networks," *2011 IEEE 73rd Veh. Technol. Conf. (VTC Spring)*, pp. 1–5, May 2011.
- [5] N. Nie and C. Comaniciu, "Adaptive channel allocation spectrum etiquette for cognitive radio networks," *First IEEE Int. Symp. New Front. Dyn. Spectr. Access Networks, 2005. DySPAN 2005.*, 2005.
- [6] H. Wu, H. Xia, C. Feng, and S. Li, "Interference mitigation in two-tier OFDMA femtocell networks: A potential game approach," *2012 Int. Conf. Wirel. Commun. Signal Process.*, pp. 1–5, Oct. 2012.
- [7] J. Lu, W. Zheng, T. Su, and X. Wen, "Interference mitigation spectrum allocation for energy efficient OFDMA femtocell networks," *Proc. 2012 2nd Int. Conf. Comput. Sci. Netw. Technol.*, pp. 252–256, Dec. 2012.
- [8] 3GPP TR 136 942 v10.2.0, "LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Frequency (RF) system scenarios (3GPP TR 36.942 version 10.2.0 Release 10)," vol. 0, pp. 0–23, 2011.
- [9] A. Ghosh, N. Mangalvedhe, R. Ratasuk, B. Mondal, M. Cudak, E. Visotsky, T. A. Thomas, N. S. Networks, J. G. Andrews, P. Xia, H. S. Jo, H. S. Dhillon, and T. D. Novlan, "Heterogeneous Cellular Networks : From Theory to Practice," *IEEE Commun. Mag.*, pp. 54–64, 2012.
- [10] D. Lopez-Perez, J. I. E. Z. Hang, and U. N. O. F. S. Hefffield, "Enhanced Intercell Interference Coordination Challenges In Heterogeneous Networks," *IEEE Wirel. Commun. Mag.*, vol. 18 no. 3, pp. 22–30, 2011.

- [11] V. Chandrasekhar and J. Andrews, "Spectrum allocation in tiered cellular networks," *IEEE Trans. Commun.*, vol. 57, no. 10, pp. 3059–3068, 2009.
- [12] J. Mitola and G. Q. Maguire, "Cognitive radio: making software radios more personal," *IEEE Pers. Commun.*, vol. 6, no. 4, pp. 13–18, 1999.
- [13] S. Haykin, "Cognitive Radio : Brain-Empowered Wireless Communications," *IEEE J. Sel. Areas Commun.*, vol. 23, no. 2, pp. 201–220, 2005.
- [14] S.-M. Cheng, S.-Y. Lien, F. S. Chu, and K.-Ch. Chen, "On Exploiting Cognitive Radio to Mitigate Interference in Macro / Femto Heterogeneous Networks," *Wirel. Commun. IEEE*, vol. 18, no. J3, pp. 40–47, 2011.
- [15] M. Felegyhazi and J. Hubaux, "Game Theory in Wireless Networks : A Tutorial," *EPFL Tech. Report, LCA-REPORT-2006-002*, vol. 1, pp. 1–15, 2007.
- [16] B. Wang, Y. Wu, and K. J. R. Liu, "Game theory for cognitive radio networks: An overview," *Comput. Networks*, vol. 54, no. 14, pp. 2537–2561, Oct. 2010.
- [17] A. B. Mackenzie and S. B. Wicker, "Game Theory and the Design of Self-Configuring, Adaptive Wireless Networks," *IEEE Commun. Mag.*, vol. 39, pp. 126–131, 2001.
- [18] J. Song, J. Ge, J. Li, and L. Cong, "Game-theoretic resource allocation of the cognitive base station in two-tier co-existing femtocell networks," *Int. Conf. Intell. Netw. Collab. Syst. 4th*, pp. 525–530, 2012.
- [19] I. Sugathapala and N. Rajatheva, "Game Theory Based Capacity and Power Optimization in OFDMA Femtocell Networks," *6th Int. Conf. Ind. Inf. Syst. ICIS 2011 - Conf. Proc.*, pp. 120–124, 2011.
- [20] E. N. Onggosanusi, B. Varadarajan, and A. G. Dabak, "Pre-Coder Selection Based On Resource Block Grouping," 2007.
- [21] J. Zyren, "Overview of the 3GPP Long Term Evolution Physical Layer," 2007.
- [22] "LTE Frame Structure and Resource Block Architecture," 2013. [Online]. Available: <http://www.teletopix.org/4g-lte/lte-frame-structure-and-resource-block-architecture/>.

- [23] I. F. Akyildiz, W. Lee, M. C. Vuran, and S. Mohanty, “A Survey on Spectrum Management in Cognitive Radio Networks,” *IEEE Commun. Mag.*, vol. 46, no. 4, pp. 40–48, 2008.
- [24] D. Monderer and L. S. Shapley, “Potential Games,” *Games Econ. Behav.*, vol. 14, no. December 1988, pp. 124–143, 1996.
- [25] A. B. MacKenzie and L. A. DaSilva, *Game Theory for Wireless Engineers*. Morgan & Claypool Publisher, 2006.
- [26] D. Fudenberg and J. Tirole, “Game Theory.” The MIT Press, 1991.
- [27] 3gpp tr 36.814 V9.0.0, “Evolved Universal Terrestrial Radio Access (E-UTRA); Further advancements for E-UTRA physical layer aspects (Release 9),” no. Release 9, 2010.
- [28] N. Nie, C. Comaniciu, and P. Agrawal, “A game theoretic approach to interference management in cognitive networks,” *Proceeding Ima*, vol. 07030, 2006.
- [29] B. A. Forouzan, *DATA COMMUNICATIONS AND NETWORKING*, vol. 32. 2010.
- [30] A. Ghosh, J. Zhang, R. Muhamed, and J. G. Andrews, “Fundamentals of LTE,” *Writing*, no. March, pp. 1–19, 2010.
- [31] a. J. Fehske, F. Richter, and G. P. Fettweis, “Energy Efficiency Improvements through Micro Sites in Cellular Mobile Radio Networks,” *2009 IEEE Globecom Work.*, 2009.
- [32] M. Krondorf, “Analytical Methods for Multicarrier Performance Evaluation,” p. 112, 2009.
- [33] 3GPP TR 25.814, “Radio Access Network, Physical layer aspects for evolved Universal Terrestrial Radio Access (UTRA) (Release 7) v7.1.0,” no. Release 7, pp. 1–132, 2006.
- [34] 3GPP TR 25.896 V6.0.0, “3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Feasibility Study for Enhanced Uplink for UTRA FDD (Release 6).” 2004.