

## DAFTAR PUSTAKA

- [1] A. Ghosh, J. Zhang, R. Muhamed, and J. G. Andrews, *Fundamentals of LTE*. Boston US: Pearson Education ,Inc., 2010.
- [2] E. Summary, “Cisco Visual Networking Index: Global Mobile Data Traffic Forecast Update, 2010-2015,” *Cisco white Pap.*, 2011.
- [3] D. López-Pérez, A. Valcarce, G. de la Roche, and J. Zhang, “OFDMA femtocells: a roadmap on interference avoidance,” *Commun. ...*, vol. 47, no. September, pp. 41–48, 2009.
- [4] A. Barbieri, A. Damnjanovic, T. Ji, J. Montojo, Y. Wei, D. Malladi, O. Song, and G. Horn, “LTE femtocells: System design and performance analysis,” *IEEE J. Sel. Areas Commun.*, vol. 30, no. 3, pp. 586–594, 2012.
- [5] F. Capozzi, G. Piro, L. a Grieco, G. Boggia, and P. Camarda, “On accurate simulations of LTE femtocells using an open source simulator,” *EURASIP J. Wirel. Commun. Netw.*, vol. 2012, no. 1, p. 328, 2012.
- [6] The Femto Forum, “The Best That LTE Can Be - Why LTE Needs Femtocells,” 2010.
- [7] H. Zhang, X. Chu, and X. Wen, *4G Femtocells: Resource Allocation and Interference Management*. New York: Springer, 2013.
- [8] F. Mhiri, K. Sethom, and R. Bouallegue, “A survey on interference management techniques in femtocell self-organizing networks,” *J. Netw. Comput. Appl.*, vol. 36, no. 1, pp. 58–65, Jan. 2013.
- [9] V. Chandrasekhar, J. G. Andrews, and A. Gatherer, “Femtocell networks: A survey,” *IEEE Commun. Mag.*, vol. 46, no. September, pp. 59–67, 2008.
- [10] S. a. Saad, M. Ismail, and R. Nordin, “A Survey on Power Control Techniques in Femtocell Networks,” *J. Commun.*, vol. 8, no. 12, pp. 845–854, 2013.
- [11] R. Juang, P. Ting, H. Lin, and D. Lin, “Interference management of femtocell in macro-cellular networks,” *Proc. 9th Conf. ...*, pp. 1–4, Apr. 2010.
- [12] N. Saquib and E. Hossain, “Interference management in OFDMA femtocell networks: Issues and approaches,” *Wirel. Commun. ...*, no. June, pp. 86–95, 2012.

- [13] M. Z. Chowdhury and Y. M. Jang, "Handover Control for WCDMA Femtocell Networks," 2010.
- [14] U. K. Usman, G. Prihatmoko, D. K. Hendraningrat, and P. S. Dedi, *Fundamental Teknologi Seluler LTE*. Bandung: Rekayasa Sains, 2012.
- [15] M. Z. Chowdhury, W. R. W. Ryu, E. R. E. Rhee, and Y. M. J. Y. M. Jang, "Handover between macrocell and femtocell for UMTS based networks," *2009 11th Int. Conf. Adv. Commun. Technol.*, vol. 01, pp. 237–241, 2009.
- [16] 3GPP R4-092042, "Simulation assumptions and parameters for FDD HeNB RF requirements, 3GPP TSG RAN WG4 (Radio) Meeting #51," 2009.
- [17] C. Liu, J. Wei, S. Huang, and Y. Cao, "A Distance Based Handover Scheme for Femtocell and Macrocell Overlaid Networks," pp. 0–3, 2012.
- [18] J. M. Moon and D. H. Cho, "Novel handoff decision algorithm in hierarchical macro/femto-cell networks," in *IEEE Wireless Communications and Networking Conference, WCNC*, 2010.
- [19] P. Munoz, R. Barco, and I. De La Bandera, "On the potential of handover parameter optimization for self-organizing networks," *IEEE Transactions on Vehicular Technology*, vol. 62, no. 5, pp. 1895–1905, 2013.
- [20] S. Haykin, "Cognitive radio: Brain-empowered wireless communications," *IEEE J. Sel. Areas Commun.*, vol. 23, no. 2, pp. 201–220, 2005.
- [21] 3GPP TS 23.009, "Handover Procedures," vol. 0, pp. 0–302, 2009.
- [22] T. Nakamura, "LTE-Advanced (3GPP Release 10 and beyond) - RF aspects," 2009.
- [23] J. Zyren, "Overview of the 3GPP Long Term Evolution Physical Layer," *White Pap.*, vol. 07/, pp. 2–22, 2007.
- [24] "Orthogonal Frequency Division Multiple Access (OFDMA)," 2011. [Online]. Available: <http://cellular-technology-concepts.blogspot.com/2011/12/orthogonal-frequency-division-multiple.html>. [Accessed: 05-May-2015].
- [25] 3GPP TS 22.220, "Tech. Specif. Group Radio Access Network - Service requirements for HomeNode B (HNB) and HomeeNode B (HeNB)," vol. 0, pp. 0–26, 2011.
- [26] "Cognitive and Efficient Spectrum Access in Autonomous Wireless Networks." [Online]. Available:

- [http://www.eng.auburn.edu/~szm0001/proj\\_ears12.html](http://www.eng.auburn.edu/~szm0001/proj_ears12.html). [Accessed: 11-May-2015].
- [27] M. Wahbi, “Handover Management Scheme in LTE Femtocell Networks,” vol. 5, no. 3, pp. 89–100, 2013.
- [28] A. Ulvan and R. Bestak, “Handover Scenario and Procedure in LTE-based Femtocell Networks,” *UbiComm*, no. c, pp. 213–218, 2010.
- [29] S. Sesia, I. Toufik, and M. Baker, *LTE The UMTS Long Term Evolution from Theory to Practice*, Second. Chichester UK: John Wiley & Sons Ltd., 2011.
- [30] H. Myung, “Technical overview of 3GPP LTE,” 2008.
- [31] G. Piro, L. A. Grieco, G. Boggia, F. Capozzi, and P. Camarda, “Simulating LTE Cellular Systems: an Open Source Framework,” *IEEE Trans. Veh. Technol.*, vol. 60, no. c, pp. 498–513, 2011.
- [32] J. S. and P. B. Erik Dahlman, Stefan Parkvall, *3G Evolution: HSPA and LTE for Mobile Broadband*. Elsevier, 2008.
- [33] I. Nurcahyani, I. W. Mustika, and Selo, “Performance Analysis of Packet Scheduling Algorithm for Video Service in Downlink LTE,” no. November, pp. 5–7, 2014.
- [34] M. Gudmundson, “Correlation Model for Shadow Fading in Mobile Radio System,” *Electron. Lett.*, vol. 27, no. 23, pp. 2145–2146, 1991.