

Referências Bibliográficas

- [1] L. Greenstein et al., "Microcells in Personal Communications Systems," *IEEE Communications Magazine*, pp. 91–95, 1992.
- [2] L. S. Mello, L. R. Coelho, M. E. C. Rodrigues, and N. A. P. Garcia, *Sistemas Celulares e de Rádio Acesso*. CETUC, 2001.
- [3] N. D. Tripathi, J. H. Reed, and H. F. VanLandingham, "Handoff in Cellular Sistems," *IEEE Pers. Commun.*, pp. 26–37, 1998.
- [4] G. P. Pollini, "Trends in Handover Design," *IEEE Commun. Magazine*, pp. 82–90, March 1996.
- [5] P. E. Ostling, *High Performance Handoff Schemes for Modern Cellular Systems*. PhD thesis, Royal Inst. Tech., September 1995.
- [6] O. Grimlund and B. Gudmundson, "Handoff strategies in microcellular systems," *Proc 41st. IEEE Veh. Technol. Conf.*, pp. 505–510, 1991.
- [7] M. Gudmundson, "Cell Planning in Manhattan Environment," *Proc IEEE VTC*, pp. 435–438, 1992.
- [8] X. Lagrange, "Multitier cell design," *IEEE Communications Magazine*, pp. 60–64, August 1997.
- [9] L. Greenstein and R. D. Gitlinand C.-L.I, "A Microcell/Macrocell Cellular Architecture for Low- and High-Mobility Wireless Users," *IEEE JSAC*, pp. 885–891, 1993.
- [10] A. Sampath and J. M. Holtzman, "Estimation of Maximum Doppler Frequency for Handoff Decisions," *Proc. IEEE Veh. Tech. Conf.*, pp. 859–862, 1993.
- [11] C. Xiao, K. D. Mann, and J. C. Olivier, "Mobile speed estimation for tdma-based hierarchical cellular systems," *IEEE Transactions on Vehicular Technology*, vol. 50, pp. 981–991, July 2001.

- [12] K. Kawabata and T. Nakamura and E. Fukuda, “Estimating Velocity Using Diversity Reception,” *Proc. IEEE Veh. Tech. Conf.*, pp. 371–374, 1994.
- [13] T. L. Doumi and J. G. Gardiner, “Use of Base Station Antenna Diversity for Mobile Speed Estimation,” *Electronics Letters*, pp. 1835–1836, October 1994.
- [14] J. P. A. Albuquerque, J. M. P. Fortes, and W. A. Finamore, *Modelos Probabilísticos em Engenharia Elétrica*. Pub. Did. CETUC, 2002.
- [15] C. W. Sung and S. W. Wing, “User Speed Estimation and Dynamic Channel Allocation in Hierarchical Cellular Systems,” *Proc. IEEE Veh. Tech. Conf.*, pp. 76–885, 1994.
- [16] H. L. V. Trees, *Detection, Estimation and Modulation Theory, Volume 1*. Wiley, 1968.
- [17] W. M. Jolley and R. E. Warfield, “Modeling and analysis of layered cellular mobile networks,” *Teletraffic and Datatraffic in a Period of Change*, vol. ITC-13, pp. 161–166, 1991.
- [18] K. L. Yeun and S. Nanda, “Channel management in microcell/macrocell cellular radio systems,” *IEEE Transactions on Vehicular Technology*, vol. 45, pp. 601–612, November 1996.
- [19] L. Ortigoza-Guerrero and A. H. Aghvami, “On the Optimum Spectrum Partitioning in a Microcell/Macrocell Cellular Layout with Overflow,” *Proc. Globecom*, pp. 991–995, November 1997.
- [20] L. Ortigoza-Guerreiro and A. H. Aghvami, *Resource Allocation in Hierarchical Cellular Systems*. Artech House, 2000.
- [21] I. F. Silva, “Desenvolvimento, validação, e aplicação de uma ferramenta para a simulação de sistemas móveis celulares,” Master’s thesis, CETUC PUC-RJ, Abril 2002.
- [22] T. S. Rappaport, *Wireless Communications: Principles and Practice*. Prentice Hall PTR, 1999.