

## DAFTAR PUSTAKA

- [1] M. Ergen, Mobile Broadband : Including Wimax and LTE, USA: Springer, 2009.
- [2] Jianbo Du,Liqiang Zhao,Jie Xin, Jen-Ming Wu, and Jie Zeng “Using Joint Particle Swarm Optimization and Genetic Algorithm for Resource Allocation in TD-LTE Systems,” 2015
- [3] Lin Su, Ping Wang\*,Fuqiang Liu. Tongji University, “Particle Swarm Optimization Based Resource Block Allocation Algorithm for Downlink LTE Systems,”2012.
- [4] S.Stefania, LTE-The UMTS Long Term Evolution, Wiley, 2009.
- [5] V.Sigit, A.Ali.M, A.Fah mi, “Analisis Penggunaan Algoritma Resource Scheduling Berdasarkan User Grouping Untuk Sistem LTE-Advanced Dengan Carrier Aggregation,”2015
- [6] S. M. Sari, A. Fahmi, and B. Syihabuddin, "Algortima Pengalokasian Resource Block Berbasis QoS Guaranteed Menggunakan Antena MIMO 2x2 pada Sistem LTE untuk Meningkatkan Spectral Efficiency," Semnasteknomedia, 2015.
- [7] J. Zyren, “Overview of the 3GPP Long Term Evolution Physical Layer,2007.
- [8] 3GPP TSG RAN TR 136.211 V8.7.0, LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical Channel and Modulation, 2009.
- [9] S. Rathi, N. Malik, N. Chahal and S. Malik, "Throughput for TDD and FDD 4G LTE System," IJITEE, vol. 3, no. 12, pp. 73-77, 2014.
- [10] Christopher Cox, An Introduction to LTE. LTE, LTE-Advance, SAE, and 4G Mobile Communication, 1st ed.: Wiley,2012.
- [11] T. Dikamba, “Downlink Schedulling in 3GPP Long Term Evolution (LTE),” Delft : Delft University of Technology,2011.
- [12] Budi Santosa, ITS, “Tutorial Particle Swarm Optimization”.
- [13] A. Levitin, Introduction to the Design and Analysis of Algorithms 3rd Edition, Pearson.
- [14] G.Ramadhanti, A.Fahmi, N.Andini, “Analisis Alokasi Resource Block Arah Uplink pada Sistem Long Term Evolution dengan SC-FDMA Menggunakan Algoritma Heuristic”,2015
- [15] Y. S. Cho, J. Kim, W. Y. Yang and C.-G. Kang, MIMO-OFDM Wireless Communications with MATLAB, Wiley, 2010.

- [16] V. 3GPP TSG RAN TR 136.931, LTE;Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Frequency (RF) requirement for LTE pico node B, 2011.
- [17] Y.Purnomo, A.Fahmi, R.F.Umbara, “Pengalokasian Physical Resource Block Arah Downlink Pada Sistem Long Term Evolution Menggunakan Algoritma Particle Swarm Optimization,”2014