

DAFTAR PUSTAKA

- [1] E. Akbar, A. Fahmi, and V. S. W. Prabowo, “Analisis penggunaan algoritma alokasi priority-based heuristical dan joint power control untuk meningkatkan efisiensi energi pada komunikasi d2d,” *eProceedings of Engineering*, vol. 7, no. 2, 2020.
- [2] M. E. F. Putrafasa, A. Fahmi, and V. S. W. Prabowo, “Analisis penggunaan algoritma berbasis heuristik untuk alokasi resource block pada komunikasi d2d,” *eProceedings of Engineering*, vol. 7, no. 2, 2020.
- [3] C. Xu, L. Song, and Z. Han, *Resource management for device-to-device underlay communication*. Springer, 2014.
- [4] R. M. Alsharfa, S. L. Mohammed, S. K. Gharghan, I. Khan, and B. J. Choi, “Cellular-d2d resource allocation algorithm based on user fairness,” *Electronics*, vol. 9, no. 3, p. 386, 2020.
- [5] H. Zhang, L. Song, Z. Han, and Y. Zhang, “Radio resource allocation for device-to-device underlay communications,” in *Hypergraph Theory in Wireless Communication Networks*. Springer, 2018, pp. 21–39.
- [6] H.-B. Jeon, B.-H. Koo, S.-H. Park, J. Park, and C.-B. Chae, “Graph-theory-based resource allocation and mode selection in d2d communication systems: The role of full-duplex,” *IEEE Wireless Communications Letters*, vol. 10, no. 2, pp. 236–240, 2020.
- [7] S. Lv, X. Wang, X. Meng, Z. Zhang, and K. Long, “Energy-efficient joint power control and resource allocation for d2d-aided heterogeneous networks,”

- in *2017 IEEE/CIC International Conference on Communications in China (ICCC)*. IEEE, 2017, pp. 1–6.
- [8] S. Kumar, A. S. Dixit, R. R. Malekar, H. D. Raut, and L. K. Shevada, “Fifth generation antennas: A comprehensive review of design and performance enhancement techniques,” *IEEE Access*, vol. 8, pp. 163 568–163 593, 2020.
 - [9] R. A. Mulyadi and U. K. Usman, “Komunikasi device-to-device pada jaringan seluler 5g menggunakan mmwave,” *Aviation Electronics, Information Technology, Telecommunications, Electricals, Controls*, vol. 2, no. 1, pp. 65–74, 2020.
 - [10] R. I. Ansari, C. Chrysostomou, S. A. Hassan, M. Guizani, S. Mumtaz, J. Rodriguez, and J. J. Rodrigues, “5g d2d networks: Techniques, challenges, and future prospects,” *IEEE Systems Journal*, vol. 12, no. 4, pp. 3970–3984, 2017.
 - [11] A. Muttaqin and Y. Rahayu, “Analisis potensi interferensi sistem lte dengan egsm di pita 800 mhz,” Ph.D. dissertation, Riau University.
 - [12] D. Fithaloka, M. A. Budiman, and D. Rachmawati, “Perbandingan algoritma greedy dan hill climbing untuk menentukan fasilitas kesehatan tingkat pertama (fktp) terdekat bagi peserta bpjs kesehatan,” *JTIK (Jurnal Teknik Informatika Kaputama)*, vol. 1, no. 2, pp. 13–23, 2018.
 - [13] Y. H. Kristianto and D. Swanjaya, “Graph clustering pada pengelompokan tujuan distribusi barang berdasarkan matriks adjacency,” in *Prosiding SEM-NAS INOTEK (Seminar Nasional Inovasi Teknologi)*, vol. 4, no. 3, 2020, pp. 125–130.
 - [14] L. Hiryanto and J. S. Thio, “Pengembangan metode graph coloring untuk university course timetabling problem pada fakultas teknologi informasi universitas tarumanagara,” *Jurnal Ilmu Komputer dan Informasi*, vol. 4, no. 2, pp. 82–91, 2011.

- [15] D. Tsolkas, E. Liotou, N. Passas, and L. Merakos, "A graph-coloring secondary resource allocation for d2d communications in lte networks," in *2012 IEEE 17th international workshop on computer aided modeling and design of communication links and networks (CAMAD)*. IEEE, 2012, pp. 56–60.
- [16] H. Zhang, L. Song, and Z. Han, "Radio resource allocation for device-to-device underlay communication using hypergraph theory," *IEEE Transactions on Wireless Communications*, vol. 15, no. 7, pp. 4852–4861, 2016.
- [17] A. Ardiansyah, F. S. Efendi, S. Syaifullah, M. Pinto, P. Pujiyanto, and H. S. Tempake, "Implementasi algoritma greedy untuk melakukan graph coloring: Studi kasus peta propinsi jawa timur," *Jurnal Informatika Ahmad Dahlan*, vol. 4, no. 2, p. 103610, 2012.
- [18] F. Boabang, H.-H. Nguyen, Q.-V. Pham, and W.-J. Hwang, "Network-assisted distributed fairness-aware interference coordination for device-to-device communication underlaid cellular networks," *Mobile Information Systems*, vol. 2017, 2017.
- [19] S. Sasikumar, "Genetic algorithm-based joint spectral-energy efficiency optimisation for 5g heterogeneous network," *International Journal of Electronics*, vol. 108, no. 6, pp. 887–907, 2021.
- [20] F. Man and W. Lenan, "Extension to shannon's channel capacity—the experimental verification," in *2007 International Symposium on Intelligent Signal Processing and Communication Systems*. IEEE, 2007, pp. 288–291.