DAFTAR PUSTAKA

[1] H. Mun, M. Seo, and D. H. Lee, "Secure privacy-preserving v2v communication in 5g-v2x supporting network slicing," *IEEE Transactions on Intelligent Transportation Systems*, 2021.

[2] A. Masmoudi, S. Feki, K. Mnif, and F. Zarai, "Radio resource allocation algorithm for device to device based on lte-v2x communications." in *ICETE (1)*, 2018, pp. 431–437.

[3] X. Zhang, Y. Shang, X. Li, and J. Fang, "Research on overlay d2d resource scheduling algorithms for v2v broadcast service," in *2016 IEEE 84th Vehicular Technology Conference (VTC-Fall)*, 2016, pp. 1–5.

[4] Y. Zhang, Y. Shen, X. Jiang, and S. Kasahara, "Mode selection and spectrum partition for d2d inband communications: A physical layer security perspective," *IEEE Transactions on Communications*, vol. 67, no. 1, pp. 623–638, 2018.

[5] G. Fodor, E. Dahlman, G. Mildh, S. Parkvall, N. Reider, G. Miklós, and Z. Turányi, "Design aspects of network assisted device-to-device communications," *IEEE Communications Magazine*, vol. 50, no. 3, pp. 170–177, 2012.

[6] X. Zhang, Y. Shang, X. Li, and J. Fang, "Research on overlay d2d resource scheduling algorithms for v2v broadcast service," in *2016 IEEE 84th Vehicular Technology Conference (VTC-Fall)*. IEEE, 2016, pp. 1–5.

[7] M. I. Ashraf, C.-F. Liu, M. Bennis, and W. Saad, "Towards low-latency and ultra-reliable vehicle-to-vehicle communication," in *2017 European Conference on Networks and Communications (EuCNC)*. IEEE, 2017, pp. 1–5.

[8] L. Liang, S. Xie, G. Y. Li, Z. Ding, and X. Yu, "Graph-based radio resource management for vehicular networks," in *2018 IEEE International Conference on Communications (ICC)*. IEEE, 2018, pp. 1–6.

[9] M. Series, "Imt vision–framework and overall objectives of the future development of imt for 2020 and beyond," *Recommendation ITU*, vol. 2083, p. 0, 2015.

[10] D. Jiang and G. Liu, "An overview of 5g requirements," *5G Mobile Communications*, pp. 3–26, 2016.

[11] H. Ullah, N. G. Nair, A. Moore, C. Nugent, P. Muschamp, and M. Cuevas, "5g communication: an overview of vehicle-to-everything, drones, and healthcare use-cases," *IEEE Access*, vol. 7, pp. 37 251–37 268, 2019.

[12] A. Asadi, Q. Wang, and V. Mancuso, "A survey on device-to-device communication in cellular networks," *IEEE Communications Surveys & Tutorials*, vol. 16, no. 4, pp. 1801–1819, 2014.

[13] U. N. Kar and D. K. Sanyal, "An overview of device-to-device communication in cellular networks," *ICT express*, vol. 4, no. 4, pp. 203–208, 2018.

[14] O. Bello and S. Zeadally, "Intelligent device-to-device communication in the internet of things," *IEEE Systems Journal*, vol. 10, no. 3, pp. 1172–1182, 2014.

[15] T. Sahin and M. Boban, "Radio resource allocation for reliable out-of-coverage v2v communications," in *2018 IEEE 87th Vehicular Technology Conference (VTC Spring)*. IEEE, 2018, pp. 1–5.

[16] K. S. H. Putri and U. K. Usman, "Analysis of vehicle to vehicle communication parameter on 5g network," in *2019 Symposium on Future Telecommunication Technologies (SOFTT)*, vol. 1. IEEE, 2019, pp. 1–6.

[17] R. Q. Malik, H. Alsattar, K. N. Ramli, B. Zaidan, A. Zaidan, Z. H. Kareem, H. A. Ameen, S. Garfan, A. Mohammed, and R. A. Zaidan, "Mapping and deep analysis of vehicle-to-infrastructure communication systems: coherent taxonomy, datasets, evaluation and performance measurements, motivations, open challenges, recommendations, and methodological aspects," *IEEE Access*, vol. 7, pp. 126 753–126 772, 2019.

[18] M. Baker, "Lte-advanced physical layer," *Alcatel-Lucent, Dec*, 2009.

[19] F. Zaki, S. Kishk, and N. Almofari, "Distributed resource allocation for d2d communication networks using auction," in *2017 34th National Radio Science Conference (NRSC)*. IEEE, 2017, pp. 284–293.

[20] B. Budianto, "Analisis pengaruh interferensi terhadap kapasitas sel pada sistem wcdma," *Universitas Indonesia. Depok*, 2009.

[21] G. D. Karunia, Y. S. Rohmah, and A. Purwanto, "Penanganan interferensi pada jaringan seluler 3g pt. indosat untuk area bandung," *eProceedings of Applied Science*, vol. 1, no. 2, 2015.

[22] A. ABADI *et al.*, "Manajemen interferensi dengan menggunakan power control untuk komunikasi device-to-device (d2d) dalam jaringan komuniasi seluler," 2017.

[23] A. Syifana, L. Meylani, and V. S. W. Prabowo, "Alokasi sumber daya radio pada komunikasi underlay device to device menggunakan algoritma two phased auction based fair and interference resource allocation," *eProceedings of Engineering*, vol. 8, no. 5, 2021.

[24] R. Munir, "Algoritma greedy," *Departemen Teknik Informatika Institut Teknologi Bandung*, 2004.

[25] B. A. Forouzan, *Data communications and networking*. Huga Media, 2007.

[26] I. G. Fraimis and S. A. Kotsopoulos, "Qos-based proportional fair allocation algorithm for ofdma wireless cellular systems," *IEEE Communications Letters*, vol. 15, no. 10, pp. 1091–1093, 2011.

[27] J. Iqbal, M. A. Iqbal, A. Ahmad, M. Khan, A. Qamar, and K. Han, "Comparison of spectral efficiency techniques in device-to-device communication for 5g," *IEEE Access*, vol. 7, pp. 57 440–57 449, 2019.

[28] D.-T. Huynh, X. Wang, T. Q. Duong, N.-S. Vo, and M. Chen, "Social-aware energy efficiency optimization for device-to-device communications in 5g networks," *Computer Communications*, vol. 120, pp. 102–111, 2018.

[29] M. Y. Ramadhan, V. Sigit, and A. Fahmi, "Radio resource allocation for device to device network using auction algorithm," *Jurnal Tiarsie*, vol. 16, no. 2, pp. 53–58, 2019.

[30] S. Wanlu, *On Medium Access Control for Vehicular Communication Over Device-to-device Links: Radio Resource Management and Network Synchronization*. Chalmers Tekniska Hogskola (Sweden), 2016.