

## DAFTAR PUSTAKA

- [1] W. Bao and B. Liang, "Radio resource allocation in heterogeneous wireless networks: A spatial-temporal perspective," *Proceedings - IEEE INFOCOM*, vol. 26, pp. 334–342, Aug. 2015, doi: 10.1109/INFOCOM.2015.7218398.
- [2] S. Tripathi, C. Puligheddu, C. F. Chiasserini, and F. Mungari, "A Context-Aware Radio Resource Management in Heterogeneous Virtual RANs," *IEEE Trans Cogn Commun Netw*, vol. 8, no. 1, pp. 321–334, Mar. 2022, doi: 10.1109/TCCN.2021.3115098.
- [3] D. Yuan, X. Chen, D. Hu, and S. Zhang, "Self-Adaptive Game Theoretic Approaches for Resource Allocation in SC-FDMA Based Heterogeneous Networks," *IEEE Trans Veh Technol*, vol. 71, no. 11, pp. 12057–12072, Nov. 2022, doi: 10.1109/TVT.2022.3189659.
- [4] E. Elamaran and B. Sudhakar, "Greedy Based Round Robin scheduling solution for Data Traffic management in 5G," *Proceedings of the 2nd International Conference on Smart Systems and Inventive Technology, ICSSIT 2019*, pp. 773–779, Nov. 2019, doi: 10.1109/ICSSIT46314.2019.8987875.
- [5] C. Y. Wang, H. Y. Wei, and W. T. Chen, "Resource block allocation with carrier-aggregation: A strategy-proof auction design," *IEEE Trans Mob Comput*, vol. 15, no. 12, pp. 3142–3155, Dec. 2016, doi: 10.1109/TMC.2016.2524633.
- [6] S. A. H. Ahmadi and N. Yazdani, "Locality and priority in Auction-based resource allocation in blockchain network," *Proceedings - 2022 27th International Computer Conference, Computer Society of Iran, CSICC 2022*, 2022, doi: 10.1109/CSICC55295.2022.9780512.
- [7] A. M. Jaradat, M. I. Saglam, M. Kartal, and H. Arslan, "Dynamic-Structure Resource Block Allocation Based Scheduling for 5G Systems," *IEEE Vehicular Technology Conference*, vol. 2022-June, 2022, doi: 10.1109/VTC2022-SPRING54318.2022.9860447.
- [8] D. Chandra, F. Aditia Rahmat, S. Aulia, and A. Febrian Kasmar, "Effect of Modulation on Throughput of 4G LTE Network Frequency 1800 MHz," 2023.
- [9] A. Abrol and R. K. Jha, "Power Optimization in 5G Networks: A Step Towards GrEEen Communication," *IEEE Access*, vol. 4, pp. 1355–1374, 2016, doi: 10.1109/ACCESS.2016.2549641.

- [10] M. Shafi, R. K. Jha, and M. Sabraj, "A survey on security issues of 5G NR: Perspective of artificial dust and artificial rain," *Journal of Network and Computer Applications*, vol. 160, p. 102597, Jun. 2020, doi: 10.1016/J.JNCA.2020.102597.
- [11] T. M. Attia, "A Survey and an Outlook of Requirements, Challenges and Technologies for Development and Deployment of the 5G Networks," 2020. [Online]. Available: [www.ijerd.com](http://www.ijerd.com)
- [12] P. K. Taksande, P. Chaporkar, P. Jha, and A. Karandikar, "Proportional Fairness through Dual Connectivity in Heterogeneous Networks," *IEEE Wireless Communications and Networking Conference, WCNC*, vol. 2020-May, May 2020, doi: 10.1109/WCNC45663.2020.9120604.
- [13] R. Amin, J. Martin, J. Deaton, L. A. Dasilva, A. Hussien, and A. Eltawil, "Balancing Spectral Efficiency, Energy Consumption," *IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS*, vol. 31, no. 5, pp. 969–980, May 2013, doi: 10.1109/JSAC.2013.130515.
- [14] Y. L. Lee, J. Loo, and T. C. Chuah, "Modeling and performance evaluation of resource allocation for LTE femtocell networks," *Modeling and Simulation of Computer Networks and Systems: Methodologies and Applications*, pp. 683–716, Jan. 2015, doi: 10.1016/B978-0-12-800887-4.00024-9.
- [15] "Data Communications and Networking - Behrouz A. Forouzan - Google Books." Accessed: Jun. 29, 2024. [Online]. Available: [https://books.google.co.id/books?hl=en&lr=&id=bwUNZvJbEeQC&oi=fnd&pg=PR3&dq=B.+A.+Forouzan,+Data+communications+and+networking.+Huga+Media,+2007.&ots=qvmZJaPrqH&sig=ouQUY9ooxOuwHIZd28O-9DGsbrY&redir\\_esc=y#v=onepage&q=B.%20A.%20Forouzan%2C%20Data%20communications%20and%20networking.%20Huga%20Media%2C%202007.&f=false](https://books.google.co.id/books?hl=en&lr=&id=bwUNZvJbEeQC&oi=fnd&pg=PR3&dq=B.+A.+Forouzan,+Data+communications+and+networking.+Huga+Media,+2007.&ots=qvmZJaPrqH&sig=ouQUY9ooxOuwHIZd28O-9DGsbrY&redir_esc=y#v=onepage&q=B.%20A.%20Forouzan%2C%20Data%20communications%20and%20networking.%20Huga%20Media%2C%202007.&f=false)
- [16] "IEEE Xplore Full-Text PDF:" Accessed: Jun. 29, 2024. [Online]. Available: <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=5997338>
- [17] 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. 57440–57449, 2019, doi: 10.1109/ACCESS.2019.2914486.

- [18] 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," *Comput Commun*, vol. 120, pp. 102–111, May 2018, doi: 10.1016/J.COMCOM.2018.02.008.
- [19] 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, no. 1, p. 1821084, Jan. 2017, doi: 10.1155/2017/1821084.
- [20] "K-means Clustering Algorithm: Applications, Types, and Demos [Updated] | Simplilearn." Accessed: Jul. 03, 2024. [Online]. Available: <https://www.simplilearn.com/tutorials/machine-learning-tutorial/k-means-clustering-algorithm>
- [21] "K-means Clustering: Algorithm, Applications, Evaluation Methods, and Drawbacks | by Imad Dabbura | Towards Data Science." Accessed: Jul. 03, 2024. [Online]. Available: <https://towardsdatascience.com/k-means-clustering-algorithm-applications-evaluation-methods-and-drawbacks-aa03e644b48a>
- [22] M. P. Behera, A. Sarangi, and D. Mishra, "K-medoids crazy firefly algorithm for unsupervised data clustering," *1st Odisha International Conference on Electrical Power Engineering, Communication and Computing Technology, ODICON 2021*, Jan. 2021, doi: 10.1109/ODICON50556.2021.9428980.
- [23] M. Li, D. Meng, S. Gu, and S. Liu, "Research and improvement of DBSCAN cluster algorithm," *Proceedings - 2015 7th International Conference on Information Technology in Medicine and Education, ITME 2015*, pp. 537–540, Mar. 2016, doi: 10.1109/ITME.2015.100.
- [24] L. Lico, I. Enesi, and B. Cico, "Analyzing performance of clustering algorithms on a real retail dataset," *2021 35th International Conference on Information Technologies, InfoTech 2021 - Proceedings*, Sep. 2021, doi: 10.1109/INFOTECH52438.2021.9548359.
- [25] Nurhayati, N. S. Sinatrya, L. K. Wardhani, and Busman, "Analysis of K-Means and K-Medoids's Performance Using Big Data Technology," *2018 6th International Conference on Cyber and IT Service Management, CITSM 2018*, Mar. 2019, doi: 10.1109/CITSM.2018.8674251.

- [26] L. I. Kuncheva and D. P. Vetrov, "Evaluation of stability of k-means cluster ensembles with respect to random initialization," *IEEE Trans Pattern Anal Mach Intell*, vol. 28, no. 11, pp. 1798–1808, 2006, doi: 10.1109/TPAMI.2006.226.
- [27] C. Ye and X. Zhao, "Automated operational modal analysis based on dbscan clustering," *Proceedings - 2020 International Conference on Intelligent Transportation, Big Data and Smart City, ICITBS 2020*, pp. 864–869, Jan. 2020, doi: 10.1109/ICITBS49701.2020.00190.
- [28] Q. Xianting and W. Pan, "A Density-Based Clustering Algorithm for High-Dimensional Data with Feature Selection," *Proceedings - 2016 International Conference on Industrial Informatics - Computing Technology, Intelligent Technology, Industrial Information Integration, ICIICII 2016*, pp. 114–118, Jan. 2017, doi: 10.1109/ICIICII.2016.0038.
- [29] V. Deart, V. Mankov, and I. Krasnova, "Agglomerative clustering of network traffic based on various approaches to determining the distance matrix," *Conference of Open Innovation Association, FRUCT*, vol. 2021-January, Jan. 2021, doi: 10.23919/FRUCT50888.2021.9347616.
- [30] Alfian, G. Session 6 : Unsupervised Learning. Teknik Elektro dan Informatika, Sekolah Vokasi, Universitas Gajah Mada.
- [31] Y. Liu, C. S. Chen, C. W. Sung, and C. Singh, "A Game Theoretic Distributed Algorithm for FeICIC Optimization in LTE-A HetNets," *IEEE/ACM Transactions on Networking*, vol. 25, no. 6, pp. 3500–3513, Dec. 2017, doi: 10.1109/TNET.2017.2748567.