REFERENCES

[1] Y. Harkat and A. Amrouche, "Vehicle density, vehicle speed and packet inter-arrival time analysis in IEEE 802.11p EDCA based VANETs," in *2018 International Conference on Signal, Image, Vision and their Applications, SIVA 2018*. Institute of Electrical and Electronics Engineers Inc., mar 2019.

[2] D. Jiang and L. Delgrossi, "IEEE 802.11p: Towards an international standard for wireless access in vehicular environments," in *IEEE Vehicular Technology Conference*, 2008, pp. 2036–2040.

[3] C. García-Martínez, F. J. Rodriguez, and M. Lozano, "Genetic algorithms," in *Handbook of Heuristics*. Springer International Publishing, aug 2018, vol. 1-2, pp. 431–464.

[4] C.-J. Huang, Y.-T. Chuang, D.-X. Yang, I.-F. Chen, Y.-J. Chen, and K.-W. Hu, "A Mobility-Aware Link Enhancement Mechanism for Vehicular Ad Hoc Networks," *EURASIP Journal on Wireless Communications and Networking 2008 2008:1*, vol. 2008, no. 1, pp. 1–10, mar 2008.

[5] S. Bitam and A. Mellouk, "QoS swarm bee routing protocol for vehicular ad hoc networks," in *IEEE International Conference on Communications*, 2011.

[6] C. K. Toh, *Ad Hoc Mobile Wireless Networks: Protocols and Systems (Google eBook)*. Prentice Hall, 2001.

[7] C. Sommer and F. Dressler, *Vehicular networking*. Cambridge University Press, jan 2014.

[8] ETSI (European Telecommunications Standards Institute), "Draft ETSI EN 302 663 v.1.2.0 - Intelligent Transport Systems (ITS); Access layer specification for Intelligent Transport Systems operating in the 5 GHz frequency band," vol. 0, pp. 1–24, 2012.

[9] C. Blum and A. Roli, "Metaheuristics in Combinatorial Optimization: Overview and Conceptual Comparison," *ACM Computing Surveys*, vol. 35, no. 3, pp. 268–308, 2003.

[10] L. Bianchi, M. Dorigo, L. M. Gambardella, and W. J. Gutjahr, "A survey on metaheuristics for stochastic combinatorial optimization," *Natural Computing*, vol. 8, no. 2, pp. 239–287, 2009.

[11] R. Geometry and G. Analysis, *Metaheuristics from design to implementation*.

[12] P. Jianli and J. Raj, "A Survey of Network Simulation Tools: Current Status and Future Developments," *Washington University in St. Louis, Technical. Report*, no. October, pp. 1–13, 2008. [Online]. Available: http://www.cse.wustl.edu/{~}jain/cse567-08/ftp/simtools/

[13] A. Mahajan, A. Mahajan, N. Potnis, N. Potnis, K. Gopalan, K. Gopalan, A.-i. a. Wang, and A.-i. a. Wang, "Urban Mobility Models for VANETs," *Proceedings of the 2nd IEEE International Workshop on Next Generation Wireless Networks*, no. December, pp. 1–8, 2006.

[14] H. Saleet, O. Basir, R. Langar, and R. Boutaba, "Region-based location-service-management protocol for VANETs," *IEEE Transactions on Vehicular Technology*, vol. 59, no. 2, pp. 917–931, 2010.

[15] R. Nagel and S. Eichler, "Efficient and Realistic Mobility and Channel Modeling for VANET Scenarios using OMNeT++ and INET-Framework," 2009.

[16] S. Hossain and M. Atiquzzaman, "Stochastic properties and application of city section mobility model," *GLOBECOM - IEEE Global Telecommunications Conference*, no. January 2009, 2009.

[17] F. Bai, N. Sadagopan, and A. Helmy, "The IMPORTANT framework for analyzing the impact of mobility on performance of RouTing protocols for Adhoc NeTworks," *Ad Hoc Networks*, vol. 1, no. 4, pp. 383–403, 2003.

[18] X. Hong, M. Gerla, G. Pei, C.-c. Chiang, and L. Angeles, "A group mobility model for ad hoc networks," *Group*.

[19] B. Zhou, K. Xu, and M. Gerla, "Group and swarm mobility models for ad hoc network scenarios using virtual tracks," in *Proceedings - IEEE Military Communications Conference MILCOM*, vol. 1, 2004, pp. 289–294.

[20] N. Meghanathan, "Impact of the Gauss-Markov mobility model on network connectivity, lifetime and hop count of routes for mobile Ad hoc networks," *Journal of Networks*, vol. 5, no. 5, pp. 509–516, 2010.

[21] S. Bitam and A. Mellouk, "Markov-history based modeling for realistic mobility of vehicles in VANETs," *IEEE Vehicular Technology Conference*, 2013.

[22] S. Saidarao and R. A. R. Chandra Sekhar, "Proactive and Reactive Routing Protocols In Wireless Sensor Networks," *International Journal of Advanced Research in Science, Engineering and Technology*, vol. 4, no. 1, pp. 3126–3135, 2017. [Online]. Available: www.ijarset.com

[23] H. P. A. Surendra H. Raut and M. T. Student, "Proactive and Reactive Routing Protocols in Multihop Mobile Ad hoc Network," *International Journal of Advanced Research in Computer Science and Software Engineering*, vol. 3, no. 4, p. 2277, 2013. [Online]. Available: www.ijarcsse.com

[24] Y. Bai, Y. Mai, and N. Wang, "Performance comparison and evaluation of the proactive and reactive routing protocols for MANETs," *Wireless Telecommunications Symposium*, pp. 1–5, 2017.

[25] M. Singh and S. Kumar, "A Survey: Ad-hoc on Demand Distance Vector (AODV) Protocol," *International Journal of Computer Applications*, vol. 161, no. 1, pp. 38–44, 2017.

[26] A. Esibov, D. W. Piraino, F. W. Chapman, S. G. Beesems, and R. W. Koster, "A novel algorithm can make accurate shock/no-shock decisions during ongoing chest compressions with non-EMS first responders," *Resuscitation*, vol. 106, pp. e5–e6, 2016.

[27] R. S. Majeed and M. Abdala, "Improving the AODV Routing Protocol Against the Route-Request Flooding Attack Using AntNet Algorithm in VANETs," no. April, 2018.