

References

- [1] R. Putri, R. Octaviani, N. F. Ridani, and D. D. Permata, "Kawasan suburban ditinjau dari pola permukiman dan jaringan jalan (studi kasus: Kelurahan cipagalo kabupaten bandung)," in *Talenta Conference Series: Energy and Engineering (EE)*, vol. 5, no. 1, 2022, pp. 412–420.
- [2] T. Dewi, Y. Fajar, F. Badruzzaman, D. Suhaedi, and E. Harahap, "Simulasi kemacetan lalu lintas pada lokasi bundaran baltos bandung," *Smart Comp*, vol. 9, no. 2, pp. 92–95, 2020.
- [3] I. B. Raya. (2023) Menelisik penyebab kemacetan di bojongsoang kabupaten bandung, flyover belum tentu solusi. Accessed: 2024-06-20. [Online]. Available: <https://bandungraya.inews.id/read/263467/menelisik-penyebab-kemacetan-di-bojongsoang-kabupaten-bandung-flyover-belum-tentu-solusi/3>
- [4] P. H. Gunawan, "The conservative upwind scheme for simple traffic flow model," in *Prosiding Seminar Nasional Matematika 2014 of Udayana University Denpasar*, vol. 67, 2014.
- [5] P. Gunawan and A. Siahaan, "Simulation of macroscopic traffic model with approximation velocity function: A study case in jalan buah batu, indonesia," in *2017 5th International Conference on Information and Communication Technology (ICoIC7)*. IEEE, 2017, pp. 1–4.
- [6] P. I. Richards, "Shock waves on the highway," *Operations research*, vol. 4, no. 1, pp. 42–51, 1956.
- [7] I. B. Wirahaji, I. P. Laintarawan, and I. W. Artana, "Model hubungan volume, kecepatan dan kepadatan jalan perkotaan," *Widya Teknik*, vol. 18, no. 01, pp. 44–51, 2022.
- [8] F. H. Hamdanah and D. Fitriannah, "Analisis performansi algoritma linear regression dengan generalized linear model untuk prediksi penjualan pada usaha mikra, kecil, dan menengah," *Jurnal Nasional Pendidikan Teknik Informatika: JANAPATI*, vol. 10, no. 1, pp. 23–32, 2021.
- [9] N. U. Fadhilah, P. H. Gunawan, and K. M. Lhaksmanas, "Simulation of traffic flow with velocity-density function from multiple linear regression," Bachelor's Thesis, Telkom University, Bandung, Indonesia, July 2020, available at <https://repository.telkomuniversity.ac.id/>.
- [10] H. Han, Y. Ma, and W. Zhu, "Galton's family heights data revisited," *arXiv preprint arXiv:1508.02942*, 2015.
- [11] P. H. Gunawan and M. A. Rizmaldi, "Approximation of velocity-density function for traffic flow model

- with obstacle problem in jalan merdeka bandung,” in *2019 7th International Conference on Information and Communication Technology (ICoICT)*. IEEE, 2019, pp. 1–6.
- [12] F. A. Daniswara and P. H. Gunawan, “Simulation of transport problem with clustering velocity-density function,” in *2020 8th International Conference on Information and Communication Technology (ICoICT)*. IEEE, 2020, pp. 1–4.
- [13] X. Li, X. Li, Z. Zhao, and Y. Liu, “Impact of road obstacles on traffic flow dynamics: An analysis using the lwr model,” *Transportation Research Part B: Methodological*, vol. 114, pp. 292–305, 2018.