

## DAFTAR PUSTAKA

- [1] C. Hsu, D. Zhang, C. Yang, and H. Chu, "An Efficient Method for Optimizing RFID Reader Deployment and Energy Saving."
- [2] R. Ferdiana and B. S. Hantono, "Mobile Tourism Services Model : A Contextual Tourism Experience Using Mobile Services," in *International Conference on Information Technology and Electrical Engineering (ICITEE)*, 2014.
- [3] Ericsson, "Ericsson Mobility Report on the Pulse of the Networked Society," 2015.
- [4] T. H. Silva, P. O. S. Vaz, D. M. Aline, C. Viana, J. M. Almeida, J. Salles, and A. A. F. Loureiro, "Traffic Condition Is More Than Colored Lines on a Map : Characterization of Waze Alerts," pp. 309–318, 2013.
- [5] A. Anwar, "Traffic Origins : A Simple Visualization Technique to Support Traffic Incident Analysis," pp. 316–319, 2014.
- [6] A. M. De Souza, R. S. Yokoyama, G. Maia, A. Loureiro, and L. Villas, "Real-Time Path Planning to Prevent Traffic Jam Through an Intelligent Transportation System," pp. 0–5, 2016.
- [7] H. a. Simon and a. Newell, "Heuristic Problem Solving: The Next Advance in Operations Research," *Operations Research*, vol. 6. pp. 1–10, 1958.
- [8] M. Dorigo and G. Di Caro, "Ant colony optimization: a new meta-heuristic," *Proceedings of the 1999 Congress on Evolutionary Computation (CEC 99)*, vol. 2. pp. 1470–1477, 1999.
- [9] M. Dorigo, G. Di Caro, and L. M. Gambardella, "Ant Algorithms for Discrete Optimization." pp. 1–36, 1999.
- [10] M. Hannats, H. Ichsan, E. Yudaningtyas, and M. A. Muslim, "Solusi Optimal Pencarian Jalur Tercepat dengan Algoritma Hybrid Fuzzy-Dijkstra," *EECCIS*, vol. 6, no. 2, pp. 155–160, 2012.
- [11] S. Wiyono and T. B. Adji, "MODEL PERHITUNGAN OPTIMAL UNTUK MENGATASI BOBOT WAKTU DINAMIS PADA KASUS PENCARIAN JALUR TERCEPAT," Universitas Gadjah Mada Yogyakarta, 2015.

- [12] Hong Zhan, Zhigang Wen, Yuxin Wu, Junwei Zou, and Shan Li, "A GPS navigation system based on the internet of Things platform," *2011 IEEE 2nd Int. Conf. Softw. Eng. Serv. Sci.*, pp. 160–162, 2011.
- [13] X. Y. Song, L. Y. Yu, and H. L. Sun, "An Incremental Query Algorithm for Optimal Path Queries Under Traffic Jams," *Iscsct 2008 Int. Symp. Comput. Sci. Comput. Technol. Vol 1, Proc.*, pp. 472–475, 2008.
- [14] A. Shahzada and K. Askar, "Dynamic vehicle navigation: An A\* algorithm based approach using traffic and road information," *2011 IEEE Int. Conf. Comput. Appl. Ind. Electron.*, no. Iccae, pp. 514–518, 2011.
- [15] R. Tong, W. Z. Quan, and S. Tao, "A Collaborative Car Auto-Navigation Framework Based on Intelligent Trajectory Mining," *2009 Int. Jt. Conf. Bioinformatics, Syst. Biol. Intell. Comput.*, pp. 591–596, 2009.
- [16] B. Yuwono, A. S. Aribowo, and W. S. Budi, "IMPLEMENTASI ALGORITMA KOLONI SEMUT PADA PROSES PENCARIAN JALUR TERPENDEK JALAN PROTOKOL DI KOTA YOGYAKARTA," in *Seminar Nasional Informatika*, 2009, vol. 2009, no. semnasIF, pp. 111–120.
- [17] D. Alves, J. Van Ast, Z. Cong, B. De Schutter, R. Babu, D. Alves, J. Van Ast, Z. Cong, B. De Schutter, and R. Babu, "Ant colony optimization for traffic dispersion routing \* Ant Colony Optimization for Traffic Dispersion Routing," 2010.
- [18] P. Bedi, N. Mediratta, S. Dhand, R. Sharma, and A. Singhal, "Avoiding Traffic Jam Using Ant Colony Optimization - A Novel Approach," in *International Conference on Computational Intelligence and Multimedia Applications (ICCIMA 2007)*, 2007, vol. 1, pp. 61–67.
- [19] A. A. Ismail and S. Herdjunto, "Penerapan Algoritma Ant System dalam Menemukan Jalur Optimal pada Traveling Salesman Problem ( TSP ) dengan Kekangan Kondisi Jalan," *JNTETI*, vol. 1, no. 3, pp. 1–6, 2012.
- [20] T. Sachithraj, P. Piruthiviraj, and P. Sharan, "Comparison of Dijkstra Algorithm With Ant Colony Optimization Algorithm Using Random Topology in All-Optical Network Using Rwa," *Int. J. Res. Eng. Technol.*, pp. 2319–2322, 2015.
- [21] D. Djamarus and M. Mediawan, "PERBANDINGAN ALGORITME ANT COLONY OPTIMIZATION DENGAN ALGORITME GREEDY DALAM TRAVELING SALESMAN PROBLEM," *TeknoInfo*, vol. 02, no. 1, pp. 27–31, 2008.

- [22] P. Burrows, K. Reed, K. Templer, and J. Walker, "Efficient Traffic Routing using ACO."
- [23] W. Bura and M. Boryczka, "Ant Colony System in Ambulance Navigation," *J. Med. Informatics Technol.*, vol. 15, 2010.
- [24] Q. Wu, "Incremental Routing Algorithms For Dynamic Transportation Networks," 2006.
- [25] Hardianto and M. Alhan, "SISTEM INFORMASI GEOGRAFIS LOKASI KANTOR PEMERINTAH DENGAN DUKUNGAN PERANGKAT MOBILE (MOBILE DEVICE) DAN PENCARIAN JALUR TERPENDEK DENGAN ALGORITMA SEMUT (ANT COLONY)," *POLITEKNOSAINS*, vol. XI, no. 1, pp. 1–18, 2012.
- [26] W. Kainz, *Geographic Information Science ( GIS )*, 2nd ed. vienna: Universitat Wien, 2004.
- [27] E. Prahasta, *Konsep-Konsep Sistem Informasi Geografis*. Bandung: Bandung : Informatika, 2001.
- [28] R. J. Trudeau, *Introduction to Graph Theory*. New York: Dover Pub, 1993.
- [29] K. A. Schuster and D. A. Schur, "Heuristic Routing for Solid Waste Collection Vehicles." U.S. Environmental Protection Agency, Washington DC, 1974.
- [30] R. Sagayam and K. Akilandeswari, "Comparison of Ant Colony and Bee Colony Optimization for Spam Host Detection," vol. 4, no. 8, pp. 26–32, 2012.
- [31] M. B. Jasser, "Ant Colony Optimization ( ACO ) and a Variation of Bee Colony Optimization ( BCO ) in Solving TSP Problem , a Comparative Study," vol. 96, no. 9, pp. 1–8, 2014.
- [32] F. Glover and M. Laguna, "Principles of Tabu Search."
- [33] S. Shankar, S. Kalbarga, and S. Maity, "Concurrent Execution Of A Smartphone Operating System And A Desktop Operating System," US 2010/0211769 A1, 2010.
- [34] R. V. Aroca and L. G. G. Marcos, "Towards green data centers : A comparison of x86 and ARM architectures power efficiency," *J. Parallel Distrib. Comput.*, vol. 72, no. 12, pp. 1770–1780, 2012.

