

## DAFTAR PUSTAKA

- Abidin, H. Z., 2007, *Penentuan Posisi dengan GPS dan Aplikasinya*, PT Pradny Paramita, Jakarta.
- Alt, H., Efrat, A., Rote, G., & Wenk, C., 2003, Matching planar maps. *Journal of Algorithms*, 49(2), 262–283. [https://doi.org/10.1016/S0196-6774\(03\)00085-3](https://doi.org/10.1016/S0196-6774(03)00085-3)
- Anonim, 2011, RTKLIB: An Open Source Program Package for GNSS Positioning, Akses 12 April 2017, dari [http://www.rtklib.com/rtklib\\_tutorial.htm](http://www.rtklib.com/rtklib_tutorial.htm)
- Anonim, 2013a, GPS SKYTRAQ, Akses 8 Mei 2017, dari [http://www.skytraq.com.tw/products/S1216F8-BD\\_PB\\_v1.pdf](http://www.skytraq.com.tw/products/S1216F8-BD_PB_v1.pdf)
- Anonim, 2013b, *PostGIS 2.1.9dev Manual*, Diambil dari <https://postgis.net/stuff/postgis-2.1.pdf>
- Anonim, 2015, *Rencana Induk Perkeretaapian Nasional 2030*, Jakarta.
- Anonim, 2016a, *Pedoman Perkeretaapian Nasional*, Jakarta.
- Anonim, 2016b, *Sistem Perkeretaapian Indonesia*, Bandung.
- Anonim, 2017a, *Buku Jadwal Perjalanan KA sesuai Gapeka 2017*, Bandung.
- Anonim, 2017b, Jumlah Penumpang Kereta Api, 2006 - 2016, Diakses 2 Mei 2017, dari <https://www.bps.go.id/linkTableDinamis/view/id/815>
- Bhawiyuga, A., Shiddiqi, A. M., & Adipratomo, B., 2011, Sistem Pelaporan Dan Informasi Posisi Kereta Api Berbasis Global Positioning System ( Gps ) Pada Device Berbasis Android, *Institut Teknologi Sepuluh November*, (5107100084), 1–9.
- Biagioni, J., Gerlich, T., Merrifield, T., & Eriksson, J., 2011, EasyTracker : Automatic Transit Tracking , Mapping , and Arrival Time Prediction Using Smartphones, *Proceedings of the 9th ACM Conference on Embedded Networked Sensor Systems SenSys 11*, 68–81, <https://doi.org/10.1145/2070942.2070950>
- Biro Komunikasi dan Informasi Publik, 2016a, Kemenhub Mendukung Peningkatan Fasilitas Pelayanan KRL Jabodetabek, Diakses 8 Mei 2017, dari <http://dephub.go.id/post/read/kemenhub-mendukung-peningkatan-fasilitas-pelayanan-krl-jabodetabek?language=id>
- Biro Komunikasi dan Informasi Publik, 2016b, Tinjau Stasiun Manggarai, Menhub: Pelayanan Kereta Api Harus Terus Ditingkatkan, Diakses 8 Mei 2017, dari <http://www.dephub.go.id/post/read/tinjau-stasiun-manggarai-menhub--pelayanan-kereta-api-harus-terus-ditingkatkan>
- C.Y. Goh, J. Dauwels, N. Mitrovic, M. T. Asif, A. Oran, & P. Jallet, 2012, Online map-matching based on Hidden Markov model for real-time traffic sensing applications, *School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore*.
- Dai, S.-L., Lin, H., & Ge, S. S., 2010, Scheduling-and-Control Codesign for a Collection of Networked Control Systems With Uncertain Delays, *IEEE Transactions on Control Systems Technology*, 18(1), 66–78, <https://doi.org/10.1109/TCST.2008.2010459>
- Das N, K., Das C, K., Mozumder, R., & Bhowmik, J. C., 2009, Satellite Based Train Monitoring System, *Journal of Electrical Engineering The Institution of Engineers, Bangladesh*, EE 36(II), 35–38.
- El-Rabbany, A., 2002, *Introduction to GPS : The Global Positioning System*, Artech

- House Inc, Norwood, London.
- Grube, G. W., Naddell, M. C., & Shaughnessy, M. L., 2000, Method For Providing A Communication Unit's Estimated Time Of Arrival, *U.S. PATENT DOCUMENTS*, 415–418.
- Hoffmann-Wellenhoff, B., Lichtenegger, H., & Wasle, E., 2008, *GNSS – Global Navigation Satellite System : GPS, GLONASS, Galileo, and more*, Wien New York Springer New York, USA.
- Krishna, K. S. R., & Chowdary, K. V., 2014, GPS Based Train Tracking System: Utilizing Mobile Networks to Support Public Transportation, *International Journal of Innovative Research & Development*, 3(6), 445–448.
- Leach., 1993, Train Control System. *Institute of Railway Signalling Engineers (IERSS)*.
- Lou, Y., Zhang, C., Zheng, Y., Xie, X., Wang, W., & Huang, Y., 2009, Map-matching for low-sampling-rate GPS trajectories, *Proceedings of the 17th ACM SIGSPATIAL International Conference on Advances in Geographic Information Systems - GIS '09*, (c), 352–361, <https://doi.org/10.1145/1653771.1653820>
- Raharjo, B., 2015, *Python untuk Aplikasi Dekstop dan Web* (Cetakan Pertama), Informatika, Bandung.
- Roy, K., Levy, B., & Tomlin, C., 2006, Target Tracking and Estimated Time of Arrival (ETA) Prediction for Arrival Aircraft, *AIAA Guidance, Navigation, and Control (GNC) Conference*, (August), 1–22, <https://doi.org/10.2514/6.2006-6324>
- Seeber, G., 2003, *Satellite Geodesy*, Walter de Gruyter, Berlin, New York, <https://doi.org/https://doi.org/10.1111/j.1365-246X.2004.02236.x>
- Stadlmann, B., Mairhofer, S., & Hanis, G., 2010, Field Experience with GPS based Train Control System, *University of Applied Sciences Upper Austria, Wels School of Engineering and Environmental Sciences*, 7.
- Surakim, H., 2014, *Konstruksi Jalan Rel dan Keselamatan Perjalanan Kereta Api* (Cetakan I). Nuansa Cendekia, Bandung.