

DAFTAR PUSTAKA

- Abdulhai, B. and Kattan, L., 2004. Handbook of Transportation-Engineering_ Chapter 6 traffic engineering Analysis.
- Aghabayk, K., Sarvi, M., Young, W. and Kautzsch, L., 2013. A novel methodology for evolutionary calibration of VISSIM By multi-threading. *Australasian Transport Research Forum 2013 Proceedings*, (October), pp.1–15.
- Alexiadis, V., Jeannotte, K. and Chandra, A., 2004. *Traffic Analysis Toolbox Volume I: Traffic Analysis Tools Primer*. Washington: FHWA.
- Austroroads, 2015. *Guide to Traffic Management Part 2: Traffic Theory*. Second ed. Sydney: Austroroads Ltd.
- Bonneson, J., Sunkari, S. and Pratt, M., 2011. Traffic Signal Operations Handbook, Second Edition. *Technical Report Documentation*, 7(2), pp.1–180.
- Denney, R.W., 1989. Traffic platoon dispersion modeling. *Journal of Transportation Engineering*, 115(2), pp.193–207.
- Direktorat Jenderal Bina Marga, 1997. *Manual Kapasitas Jalan Indonesia (MKJI)*. Jakarta: Departemen Pekerjaan Umum.
- Fellendorf, M. and Vortisch, P., 2010. Microscopic Traffic Flow Simulator VISSIM. In: J. Barceló, ed. *Fundamentals of Traffic Simulation*. New York: Springer Science+Business Media, LLC.pp.63–94.
- Friedrich, M., Pestel, E., Schiller, C. and Simon, R., 2019. Scalable GEH: A Quality Measure for Comparing Observed and Modeled Single Values in a Travel Demand Model Validation. *Transportation Research Record*, 2673(4), pp.722–732.
- Grace, M.J. and Potts, R.B., 1964. A Theory of the Diffusion of Traffic Platoons. *Operations Research*, 12(2), pp.255–275.
- Irawan, M.Z. and Putri, N.H., 2015. *Kalibrasi Vissim Untuk Mikrosimulasi Arus Lalu Lintas Tercampur Pada Simpang Bersinyal (Studi Kasus: Simpang Tugu, Yogyakarta)*. Universitas Gadjahmada.
- Jamaludin and Munawar, A., 2004. *Penggunaan program Transyt untuk koordinasi simpang bersinyal pada lalu lintas tercampur*. Universitas Gadjah Mada.
- Koonce, P., 2008. *TRAFFIC SIGNAL TIMING MANUAL*. Virginia.
- Lieberman, E. and Rathi, A.K., 1999. Traffic Simulation. In: N. Gartner, C.J. Messer and A.K. Rathi, eds. *Traffic Flow Theory*. The Federal Highway Administration.pp.10.1-10.23.
- Lighthill, M.J. and Whitham, G.B., 1955. On kinematic waves II. A theory of traffic flow on long crowded roads. *Proceedings of the Royal Society of London. Series A. Mathematical and Physical Sciences*, 229(1178), pp.317–345.
- Mathew, T. V., 2019. Traffic Progression Models Lecture Notes in Transportation

Systems Engineering. pp.1–22.

Menteri Perhubungan, 2015. *Peraturan Menteri Perhubungan Republik Indonesia Nomor PM 96 Tahun 2015 Tentang Pedoman Pelaksanaan Kegiatan Manajemen Dan Rekayasa Lalu Lintas*. Jakarta: Kementerian Perhubungan.

Montaño Moreno, J.J., Palmer Pol, A., Sesé Abad, A. and Cajal Blasco, B., 2013. Using the R-MAPE index as a resistant measure of forecast accuracy. *Psicothema*, 25(4), pp.500–506.

Munawar, A. and Aryandi, R.D., 2014. Penggunaan Software Vissim Untuk Analisis Simpang Bersinyal (Studi Kasus : Simpang Mirota Kampus Terban Yogyakarta). *The 17th FSTPT International Symposium*, (August), pp.22–24.

Munawar, A. and Winnetou, I.A., 2015. Penggunaan Software Vissim Untuk Evaluasi Hitungan MKJI 1997 Kinerja Ruas Jalan Perkotaan (Studi Kasus : Jalan Affandi, Yogyakarta). *The 18th FSTPT International Symposium, Unila, Bandar Lampung*.

Munawar, A. and Yulianto, R.A., 2017. Penentuan kapasitas jalan bebas hambatan dengan aplikasi perangkat lunak vissim. *Jurnal Transportasi*, 17(2), pp.123–132.

Ni, D., 2020. *Signalized Intersections*. *Springer Tracts in Civil Engineering*. Cham,: Springer Nature.

Oketch, T. and Dilwaria, M., 2011. Calibration of a Micro-Simulation Model in a Large Urban Network. *2011 Conference and Exhibition of the ...*, [online] pp.0–14. Available at: <<http://www.tac-atc.ca/english/annualconference/tac2011/docs/u2/oketch.pdf>>.

Ortuzar, J. de D. and Willumsen, L.G., 2011. *Modelling Transport*. Fourth ed. West Sussex: John Wiley & Sons, Ltd.

Park, B.B., Jones, T.K. and Griffin, S.O., 2010. *Traffic Analysis Toolbox Volume XI: Weather and Traffic Analysis, Modeling and Simulation*. Washington: The Federal Highway Administration.

Park, B.B., Won, J. and Yun, I., 2006. Application of Microscopic Simulation Model Calibration and Validation Procedure. *TRB 85th Annual Meeting*.

Pemerintah Republik Indonesia, 2009. *Undang-Undang Republik Indonesia Nomor 22 Tahun 2009 Tentang Lalu Lintas Dan Angkutan Jalan*.

Prassas, E.S. and Roess, R.P., 2020. *The Highway Capacity Manual: A Conceptual and Research History Volume 2: Signalized and Unsignalized Intersections*. [online] Available at: <<https://books.google.com.gh/books?id=FdjIDwAAQBAJ>>.

PTV AG, 2018. *PTV VISSIM 10 User Manual*. Karlsruhe, Germany: PTV AG.

Roess, R.P., Prassas, E.S. and McShane, W.R., 2011. *Traffic Engineering Fourth Edition*. FOURTH EDI ed.

Saha, A., Chandra, S. and Ghosh, I., 2019. Modeling Platoon Dispersion at Signalized Intersections in Mixed Traffic Scenario. *Arabian Journal for Science and Engineering*, [online] 44(5), pp.4829–4838. Available at:



<<https://doi.org/10.1007/s13369-018-3568-5>>.

Salter, R.J., 1996. *Highway Traffic Analysis And Design*. 3rd ed. New York: PAIGRAVE.

Sembodo, A., Munawar, A. and Irawan, M.Z., 2019. *ANALISIS DAMPAK LALU LINTAS PEMBANGUNAN UNDERPASS BUNDARAN DOLOG KOTA SURABAYA*. Universitas Gadjahmada.

Tamin, O.Z., 2000. *Perencanaan & Pemodelan Transportasi*. Bandung: Penerbit ITB.

Wei, M., Jin, W. and Shen, L., 2012. A platoon dispersion model based on a truncated normal distribution of speed. *Journal of Applied Mathematics*, 2012, pp.1–14.