



DAFTAR PUSTAKA

- Ahmed, S., Sultana, Q. dan Rao, K., 2014. Comparative analysis of DGPS predicted corrections using dynamic neural networks, in: *2014 IEEE International Conference on Vehicular Electronics and Safety (ICVES)*. Presented at the 2014 IEEE International Conference on Vehicular Electronics and Safety (ICVES), pp. 61–65. doi:10.1109/ICVES.2014.7063725
- Anonim, 1986. *The Universal Transverse Mercator Grid Formulas for Cartographic Applications Programmers*. Defense Technical Information Center.
- Anonim, 2008. GPS.gov: Performance Standards & Specifications, <http://www.gps.gov/technical/ps/#spssps>, diakses 25 November 2015.
- Arif, 2014. Ranging dalam Survey GPS, <https://jasapemetaandansurvei.wordpress.com/2012/03/15/ranging-dalam-survey-gps/>, diakses 25 November 2015.
- Baddeley, G., 2011. GPS - NMEA sentence information, <http://home.mira.net/~gnb/gps/nmea.html>, diakses 25 November 2015.
- Bagci, M., Hacizade, C., 2015. Performance analysis of GPS based orbit determination via numerical methods for a LEO satellite, in: *2015 7th International Conference on Recent Advances in Space Technologies (RAST)*. Presented at the 2015 7th International Conference on Recent Advances in Space Technologies (RAST), pp. 731–735. doi:10.1109/RAST.2015.7208437
- Bowditch, N., 2002. *The American practical navigator : an epitome of navigation*. Paradise Cay Publications.
- Chesterton, S., 2000. Truncated Grid References, <http://bivouac.com//PgxPg.asp?PgxId=155>, diakses 25 November 2015.
- Coyle, M., 2012. Calculating your own GPS accuracy, <http://blog.oplopanax.ca/2012/11/calculating-gps-accuracy/>, diakses 25 November 2015.
- Daly, P., 1993. Navstar GPS and GLONASS: global satellite navigation systems. *Electronics Communication Engineering Journal* 5, 349–357. doi:10.1049/ecej:19930069
- DePriest, D., 2010. NMEA data, <http://www.gpsinformation.org/dale/nmea.htm>, diakses 1 Februari 2015.
- DeVon, D., Holzer, T., Sarkani, S., 2015. Minimizing uncertainty and improving accuracy when fusing multiple stationary GPS receivers, in: 2015 IEEE International Conference on Multisensor Fusion and Integration for Intelligent Systems (MFI). Presented at the 2015 IEEE International Conference on Multisensor Fusion and Integration for Intelligent Systems (MFI), pp. 83–88. doi:10.1109/MFI.2015.7295750
- Diggelen, F. van, 2007. *GNSS accuracy - lies, damn lies and statistics*. GPS World.



- Featherstone, W.E. dan Claessens, S.J., 2008. Closed-form transformation between geodetic and ellipsoidal coordinates. *Stud Geophys Geod* 52, 1–18.
doi:10.1007/s11200-008-0002-6
- Foster, R. dan Mullaney, D., 2014. *Basic Geodesy Article 018: Conversions and Transformations*. National Geospatial Intelligence Agency.
- Goncharova, I. dan Lindenmeier, S., 2015. A high efficient automotive roof-antenna concept for LTE, DAB-L, GNSS and SDARS with low mutual coupling, in: *2015 9th European Conference on Antennas and Propagation (EuCAP)*. Presented at the 2015 9th European Conference on Antennas and Propagation (EuCAP), pp. 1–5.
- Hegarty, C.J. dan Chatre, E., 2008. Evolution of the Global Navigation Satellite System (GNSS). *Proceedings of the IEEE* 96, 1902–1917.
doi:10.1109/JPROC.2008.2006090
- Idris, A.N., Suldi, A.M., Hamid, J.R.A. dan Sathyamoorthy, D., 2013. Effect of radio frequency interference (RFI) on the Global Positioning System (GPS) signals, in: *2013 IEEE 9th International Colloquium on Signal Processing and Its Applications (CSPA)*. Presented at the 2013 IEEE 9th International Colloquium on Signal Processing and its Applications (CSPA), pp. 199–204.
doi:10.1109/CSPA.2013.6530041
- Karamat, T.B., Atia, M.M. dan Noureldin, A., 2014. Performance Analysis of Code-Phase-Based Relative GPS Positioning and Its Integration With Land Vehicle's Motion Sensors. *IEEE Sensors Journal* 14, 3084–3100.
doi:10.1109/JSEN.2014.2324535
- Karney, C.F.F., 2011. Transverse Mercator with an accuracy of a few nanometers, in: *SRI International*. Presented at the Computational Physics, J. Geodesy, pp. 475–485. doi:10.1007/s00190-011-0445-3
- Kawase, K., 2011. A General Formula for Calculating Meridian Arc Length and its Application to Coordinate Conversion in the Gauss-Krüger Projection. *Geospatial Information Authority of Japan* 59, 1–13.
- Kim, J., Lee, D., Cao, S. dan Lee, S., 2014. Availability evaluation and development of network-RTK for vehicle in downtown, in: *2014 International Conference on Information and Communication Technology Convergence (ICTC)*. Presented at the 2014 International Conference on Information and Communication Technology Convergence (ICTC), pp. 557–558. doi:10.1109/ICTC.2014.6983210
- Kim, T.-H., Sin, C.S., Lee, S. dan Kim, J.H., 2014. Analysis of performance of GPS L1 signal generator in GPS L1 signal, in: *2014 14th International Conference on Control, Automation and Systems (ICCAS)*. Presented at the 2014 14th International Conference on Control, Automation and Systems (ICCAS), pp. 1006–1009. doi:10.1109/ICCAS.2014.6987921
- Kumar, R., 2014. Calculate Latitude and Longitude Based on a Starting Point, Bearing and Distance. <http://www.etechnpulse.com/2014/02/calculate-latitude-and-longitude-based.html>, diakses 25 November 2015



- Leick, A., Rapoport, L. dan Tatarnikov, D., 2015. *GNSS Positioning Approaches*, in: *GPS Satellite Surveying*. John Wiley & Sons, Inc, pp. 257–399.
- Li-heng, H., Ming-ming, S. dan Qi-sheng, B., 2011. A Comparison of Different Communication RTK Survey Systems, in: *2011 International Conference on Management and Service Science (MASS)*. Presented at the 2011 International Conference on Management and Service Science (MASS), pp. 1–4. doi:10.1109/ICMSS.2011.5999259
- Litton, J.D., Russell, G. dan Woo, R.K., 1996. *Method and apparatus for digital processing in a global positioning system receiver*. US5576715 (A).
- McCarthy, D.D. dan Seidelmann, P.K., 2009. *TIME From Earth Rotation to Atomic Physics*. Wiley VCH, Weinheim.
- Morales, Y. dan Tsubouchi, T., 2007. DGPS, RTK-GPS and StarFire DGPS Performance Under Tree Shading Environments, in: *IEEE International Conference on Integration Technology, 2007. ICIT '07*. Presented at the IEEE International Conference on Integration Technology, 2007. ICIT '07, pp. 519–524. doi:10.1109/ICITECHNOLOGY.2007.4290370
- Mulla, A., Baviskar, J., Baviskar, A. dan Bhovad, A., 2015. GPS assisted Standard Positioning Service for navigation and tracking: Review amp; implementation, in: *2015 International Conference on Pervasive Computing (ICPC)*. Presented at the 2015 International Conference on Pervasive Computing (ICPC), pp. 1–6. doi:10.1109/PERVASIVE.2015.7087165
- Nizette, B., Tridgell, A. dan Yu, C., 2014. Architecture and implementation of an affordable differential GPS system, in: *IECON 2014 - 40th Annual Conference of the IEEE Industrial Electronics Society*. Presented at the IECON 2014 - 40th Annual Conference of the IEEE Industrial Electronics Society, pp. 2321–2326. doi:10.1109/IECON.2014.7048826
- Parkinson, B.W., 1996. *Global Positioning System: Theory and Applications*. 1st edition. AIAA (Amer Inst of Aeronautics).
- Poole, I., 2014. GPS Accuracy | Errors & Precision, <http://www.radio-electronics.com/info/satellite/gps/accuracy-errors-precision.php>, diakses 27 Desember 2015.
- Pridal, P., Pohanka, T. dan Kacer, R., 2015. Coordinate Systems Worldwide. <http://epsg.io/7030-ellipsoid>, diakses 25 November 2015.
- Salih, A.A.A., Zaini, N.L.A.C.A. dan Zahir, A., 2013. The Suitability of GPS Receivers Update Rates for Navigation Applications, in: *International Journal of Mechanical, Aerospace, Industrial, Mechatronic and Manufacturing Engineering*, 6. Presented at the World Academy of Science, Engineering and Technology, waset.org.
- Samama, N., 2008. *Global Positioning: Technologies and Performance*. John Wiley & Sons.
- Samper, J.M., Lagunilla, J.M. dan Perez, R.B., 2008. *GPS and Galileo: Dual RF Front-end receiver and Design, Fabrication, & Test*. McGraw Hill Professional.



- Snyder, J.P., 1987. *Map Projections: A Working Manual* (USGS Numbered Series No. 1395), Professional Paper. Geological Survey (U.S.).
- Suzuki, T., 2014. GNSS Radar. <http://www.taroz.net/GNSS-Radar.html#>, diakses 1 Agustus 2015.
- Takasu, T., 2009. RTKLIB: Open Source Program Package for RTK-GPS, in: *FOSS4G 2009*. Tokyo, Japan.
- Takasu, T. dan Yasuda, A., 2009. Development of the low-cost RTK-GPS receiver with an open source program package, in: RTKLIB, *International Symposium on GPS/GNSS 2009*, ICC Jeju, Korea.
- Takasu, T., Yasuda, A. dan Kubo, N., 2007. Development, Evaluation and Application of RTKLIB: A program library for RTK-GPS, in: *GPS/GNSS Symposium 2007*, Tokyo, Japan.
- Tanoe, A., 2011. *Berkenalan dengan GPS*, 1st ed. Percetakan Pohon Cahaya, Jakarta.
- Veness, C., 2010. Calculate distance and bearing between two Latitude/Longitude points using haversine formula in JavaScript, <http://movable-type.co.uk/scripts/latlong.html>, diakses 25 November 2015.
- Vermeille, H., 2002. Direct transformation from geocentric coordinates to geodetic coordinates. *Journal of Geodesy* 76, 451–454. doi:10.1007/s00190-002-0273-6