

## DAFTAR PUSTAKA

- Abidin, H. Z. (2021). *Penentuan Posisi Dengan GPS Dan Aplikasinya* (1 ed.). ITB Press.
- Abidin, H. Z. (2021). *Review Aplikasi GNSS di Indonesia*. FGD GNSS Navigasi dengan tema “Mitigasi Ionosfer Regional Pada Aplikasi GNSS di Indonesia”. Pusat Riset Antariksa LAPAN.
- Akmal, S. S. (2020). 16 Arah Mata Angin Lengkap dan Cara Menentukannya. Diakses melalui <https://sijai.com/arah-mata-angin/>
- Andrei, C., Chen, R., Kuusniemi, H., Hernández Pajares, M., Juan, J. M., & Salazar, D. (2009). *Ionosphere Effect Mitigation for Single Frequency Precise Point Positioning*. 2508–2517.
- Anggraini, R.M., Pujiastuti, D., Arisa, D. (2020). *Analisis Deformasi Koseismik Gempa Mentawai 2008 Menggunakan Data GPS SuGAR*. Jurnal Fisika Unand (JFU). 9(2). 150-155.
- Billing, M. (1959). *Structural Geology*. Prentice Hall, Inc., Englewood Cliffs, New Jersey.
- Bock, Y. (2003). *Crustal motion in Indonesia from Global Positioning System measurements*. Journal of Geophysical Research, 108(B8), 2367. <https://doi.org/10.1029/2001JB000324>
- Dardji, N., Villemin T., and Rampnoux, J. P. (1994). *Paleostresses And Strike-Slip Movement: The Cimandiri Fault Zone, West Java, Indonesia*. J. Southeast Asian Earth Sci., 9(I).
- Daryono, M. R. (2016). *Paleoseismology Tropis Indonesia: Dengan Studi Kasus Di Sesar Sumatra, Sesar Palukoro-Matano, Dan Sesar Lembang*. Disertasi Program Doktor, Institut Teknologi Bandung.
- El-Rabbany, Ahmed. (2002). *Introduction to GPS: The Global Positioning System*. Artech House.

- Farah, A. (2013). *Effect Analysis of GPS Observation Type and Duration on Convergence Behavior of Static PPP*. The Journal of Geomatics. Vol 7 No. 2, October 2013. Journal Of Geomatics, 7(2).
- Gao, Y. (2006). *GNSS Solutions: Precise Point Positioning and Its Challenges, Aided-GNSS and Signal Tracking*. Inside GNSS, 1(1), 16–21.
- Gao, Y., & Shen, X. (2002). *A New Method for Carrier-Phase – Based Precise Point Positioning*. Journal of The Institute of Navigation. 49(January), 109–116.
- Geng, J., Chen, X., Pan, Y., Mao, S., Li, C., Zhou, J., & Zhang, K. (2019). *PRIDE PPP-AR: an open-source software for GPS PPP ambiguity resolution*. In GPS Solutions (Vol. 23, Nomor 4). <https://doi.org/10.1007/s10291-019-0888-1>
- Ghilani, C. D. (2010). *Adjustment Computations : Spatial Data Analysis 5th Edition (5 ed.)*. In John Wiley & Sons, Inc. (Vol. 13, Issue 1).
- Gumilar, I., & Bramanto, B. (2021). *Metode Penentuan Posisi dengan GNSS dan Langkah Praktis Pengolahan Data GNSS* (Cetakan Pe). PT Refika Aditama.
- Hwang, C., Hsiao, Y., & Shih, H. (2006). *Data Reduction in Scalar Airborne Gravimetry: Theory, Software and Case Study in Taiwan*. Computers and Geoscience, December. <https://doi.org/10.1016/j.cageo.2006.02.015>
- Héroux, P., & Kouba, J. (2001). *GPS precise point positioning using IGS orbit products*. Physics and Chemistry of the Earth, Part A: Solid Earth and Geodesy. 26(6–8), 573–578. [https://doi.org/10.1016/S1464-1895\(01\)00103-X](https://doi.org/10.1016/S1464-1895(01)00103-X)
- Ilahi, R. (2019). *Analisis Deformasi Aspek Geometrik Berdasarkan Data Pengamatan Gps di Sekitar Sesar Baribis*. Tesis S2 Magister Teknik Geomatika, Fakultas Teknik, Universitas Gadjah Mada.
- Jekeli, C. (2006). *Geometric Reference Systems in Geodesy*. <https://doi.org/10.1007/978-3-319-49941-3>
- Katili, J.A. and Soetadi, R. (1971). *Neotectonics and seismic zones of Indonesia*. Proc. R. Sot. N.Z. Bull., 9: 39-45.

- Kouba, J., Lahaye, F., & Tétreault, P. (2017). *Precise Point Positioning*. Springer Handbooks. 723–751. [https://doi.org/10.1007/978-3-319-42928-1\\_25](https://doi.org/10.1007/978-3-319-42928-1_25)
- Koulali, A., McClusky, S., Susilo, S., Leonard, Y., Cummins, P., Tregoning, P., Meilano, I., Efendi, J., & Wijanarto, A. B. (2016). *The kinematics of crustal deformation in Java from GPS observations: Implications for fault slip partitioning*. *Earth and Planetary Science Letters*, 1, 1–11. <https://doi.org/10.1016/j.epsl.2016.10.039>
- Kuncoro, H. 2013. *Metodologi Pengestimasian Parameter Rotasi Euler dengan Menggunakan Data Pengamatan GPS*. *Indonesian Journal of Geospatial* Vol. 1, No. 2.
- Malinowski, M., & Kwiecień, J. (2016). *A Comparative Study of Precise Point Positioning (PPP) Accuracy Using Online Services*. *Reports on Geodesy and Geoinformatics*. 102(1), 15–31. <https://doi.org/10.1515/rgg-2016-0025>
- Maulana, I., 2014. *Pengukuran GPS Geodetik dan Terrestrial Laser (TLS) untuk Pembangunan Rel Kereta Api Baru di Menteng Jaya Jakarta*. Universitas Pendidikan Indonesia.
- Meilano, I., Abidin, H. Z., Andreas, H., Gumilar, I., Sarsito, D., Hanifa, R., Rino, Harjono, H., Kato, T., Kimata, F., & Fukuda, Y. (2012). *Slip Rate Estimation of the Lembang Fault West Java from Geodetic Observation*. *Journal of Disaster Research*, 7(1), 12–18. <https://doi.org/10.20965/jdr.2012.p0012>
- Michel, G. W., Qui, Y., Yuan, S., Reigber, C., Y, M. B., Reinhart, E., Simons, W., Ambrosius, B., Vigny, C., Chamot-rooke, N., Le, X., Morgan, P., & Matheussen, S. (2001). *Crustal motion and block behaviour in SE-Asia from GPS measurements*. *Earth Planet. Sci. Lett.*, 187, 239– 244, 2001, 187, 239– 244.

- Misra, P., & Enge, P. (2012). *Global Positioning System: Signals, Measurements, and Performance* (Second Edi). Ganga-Jamuna Press.
- Nguyen, N., Griffin, J., Cipta, A., & Cummins, P. R. (2015). *Indonesia's Historical Earthquakes: Modelled examples for improving the national hazard map*. Record 2015/23. Geoscience Australia. Canberra.  
<https://doi.org/10.11636/Record.2015.023>
- Nur, R. F. (2021). *Analisis Arah dan Laju Pergeseran Tektonik Sumatra Berdasarkan Data Indonesia Continuously Operating Reference Station (Ina-Cors) dan Sumatran Gps Array (Sugar) Tahun 2018 s.d. 2019*. Skripsi S1 Teknik Geodesi, Fakultas Teknik, Universitas Gadjah Mada.
- PrideLab. (2022). *User Manual PRIDE PPP-AR II: Multi GNSS Precise Point Positioning with Ambiguity Resolution*. GNSS Research Center, Wuhan University.
- Pusat Studi Gempa Nasional. (2017). *Buku Peta Gempa 2017*.
- Ridwan, M., Rusli, M., Sarumpaet, E. R. (2021). *Karakterisasi Site di Lokasi Stasiun Monitoring Gempa pada Dugaan Jalur Sesar Baribis*. Jurnal Permukiman Vol.16 No.1 Mei 2021: 01-09.
- Rustamov, R. & Hashimov, A. (2018). *Multifunctional Operation and Application of GPS*. BoD-Books on Demand.
- Seeber, G. (2003). *Satellite Geodesy*. In Journal of the Geodetic Society of Japan (Vol. 40, Nomor 3). Walter de Gruyter.  
<https://doi.org/10.11366/sokuchi1954.40.295>
- Sekarsari, A. (2021). *Analisis Pengaruh Sesar Aktif Terhadap Laju Pergeseran Indonesia Continuously Operating Reference Station (Ina-Cors) Wilayah Jawa Bagian Barat*. Skripsi S1 Teknik Geodesi, Fakultas Teknik, Universitas Gadjah Mada

- Setyadi, B., Murata, I., Kahar, J., Suparka, S. & Tanaka, T. (1997). *Analysis of GPS measurement in West-Java, Indonesia*. Ann. Disas. Prev. Res. Inst. Kyoto Univ. 40, B-1, 27-33.
- Sunarjo, Gunawan, M.T., dan Pribadi S. (2012). *Gempabumi Edisi Populer*. Jakarta: Badan Meteorologi Klimatologi dan Geofisika.
- Supartoyo, Putranto, E. T., and Djadja. (2005). *Active Faults and Destructive Earthquake Epicenter Distribution Map of Indonesia*.
- Teunissen, P. J. G., & Montenbruck, O. (2017). *Global navigation satellite systems. In International Ocean Systems* (Vol. 18, Nomor 6). Springer International Publishing. <https://doi.org/10.4324/9781315610139-12>
- Tjia, H. D. (1968). *The Lembang Fault, West Java*. Geologie En Mijnbouw. 47(2), pp. 126- 130.
- UNOOSA. (2011). *10 Years of Achievement of the United Nations on Global Navigation Satellite Systems*. New York.
- Wallenhof, B. H., Lichtenegger, H., & Wasle, E. (2008). *GNSS-Global Navigation Satellite Systems GPS, GLONASS, Galileo, and more*. In วารสารสังคมศาสตร์วิชาการ (Vol. 7, Nomor 2). SpringerWienNeewYork.
- Wolf, P.R. dan Ghilani, C.D. 2006. *Adjustment Computations: Spatial Data Analysis*. John Wiley & Sons.
- Wijaya, D. D. (2020). *GNSS Meteorologi: Aplikasi satelit penentuan posisi untuk mengamati fenomena cuaca dan iklim* (1 ed.). ITB Press.