

**DAFTAR PUSTAKA**

- Abdulmajed, R. I., & Abbak, R. A. (2017). Accuracy Comparison Between Gps Only and Gps Plus Glonass in. *Asian Journal of Science and Technology*, 8(11), 6697–6703.
- Abidin, H. Z. (2007). *Penentuan Posisi Dengan GPS dan Aplikasinya*. Pradnya Paramita.
- Alkan, R. M., Ozulu, I. M., & Ilci, V. (2017). Comparison Of Single Baseline RTK and Network RTK GNSS Methods. *International Symposium on Modern Technologies, Education and Professional Practice in Geodesy and Related Fields, November*.  
[https://www.researchgate.net/publication/321051844\\_COMPARISON\\_OF\\_SINGLE\\_BASELINE\\_RTK\\_and\\_NETWORK\\_RTK\\_GNSS\\_METHODS](https://www.researchgate.net/publication/321051844_COMPARISON_OF_SINGLE_BASELINE_RTK_and_NETWORK_RTK_GNSS_METHODS)
- Allahyari, M., Olsen, M. J., Gillins, D. T., & Dennis, M. L. (2018). Tale of Two RTNs: Rigorous Evaluation of Real-Time Network GNSS Observations. *Journal of Surveying Engineering*, 144(2), 05018001. [https://doi.org/10.1061/\(asce\)su.1943-5428.0000249](https://doi.org/10.1061/(asce)su.1943-5428.0000249)
- Amanullah, F., & Khomsin. (2013). Studi Perbandingan GPS CORS Metode RTK NTRIP dan Total Station dalam Pengukuran Volume Cut and Fill. *Jurnal Teknik Pomits*, 10(10), 1–6.
- Awaluddin, M., Amarrohman, F. J., Nugraha, A. L., Sasmito, B., & Azizah, K. (2020). Analisis Luas Pengelolaan Wilayah Laut Jawa Tengah pada Beberapa Sistem Proyeksi dan Sistem Koordinat. *Jurnal Geodesi Dan Geomatika*, 3(2), 185–191.
- Aykut, N. O., Güllal, E., & Akpınar, B. (2015). Desempeño de un método de navegación cinética satelital en tiempo real (RTK) de una sola base. *Earth Sciences Research Journal*, 19(2), 135–139. <https://doi.org/10.15446/esrj.v19n2.51218>
- Baybura, T., Tiryakio, İ., Ali, M., Solak, H. İ., & Ş, Ş. (2019). *Examining the Accuracy of Network RTK and Long Base RTK Methods with Repetitive Measurements*. 2019.
- Bluman, A. G. (2009). *Elementary Statistics: A Step by Step Approach*, © 2009, 7e, Student Edition (Vol. 7). McGraw-Hill Education, 2008.  
[https://www.researchgate.net/publication/269107473\\_What\\_is\\_governance/link/548173090cf22525dcb61443/download%0Ahttp://www.econ.upf.edu/~reynal/Civilwars\\_12December2010.pdf%0Ahttps://think-asia.org/handle/11540/8282%0Ahttps://www.jstor.org/stable/41857625](https://www.researchgate.net/publication/269107473_What_is_governance/link/548173090cf22525dcb61443/download%0Ahttp://www.econ.upf.edu/~reynal/Civilwars_12December2010.pdf%0Ahttps://think-asia.org/handle/11540/8282%0Ahttps://www.jstor.org/stable/41857625)
- Brown, N., Keenan, R., Richter, B., & Troyer, L. (2005). Advances in ambiguity resolution for RTK applications using the New RT CM V3.0 master-auxiliary messages. *Proceedings of the 18th International Technical Meeting of the Satellite Division of The Institute of Navigation, ION GNSS 2005*, 2005(September), 73–80.
- Charoenkalunyuta, T., Satirapod, C., Lee, H. K., & Choi, Y. S. (2012). Performance of

network-based RTK GPS in low-latitude region: A case study in Thailand. *Engineering Journal*, 16(5), 95–103. <https://doi.org/10.4186/ej.2012.16.5.95>

- Cina, A., Dabove, P., Manzano, A. M., & Piras, M. (2015). Network Real Time Kinematic (NRTK) Positioning – Description, Architectures and Performances. *Satellite Positioning - Methods, Models and Applications*. <https://doi.org/10.5772/59083>
- Dardanelli, G., Maltese, A., Pipitone, C., Pisciotta, A., & Lo Brutto, M. (2021). Nrtk, ppp or static, that is the question. Testing different positioning solutions for gnss survey. *Remote Sensing*, 13(7). <https://doi.org/10.3390/rs13071406>
- Fadly, R., & Dewi, C. (2014). Analisis Perbandingan Parameter Transformasi Antar Itrf Hasil Hitungan Kuadrat Terkecil Model Helmert 14-Parameter Dengan Parameter Standar Iers. *Jurnal Rekayasa*, Vol. 18, No. 1, April 2014 1., 1, 1–10.
- Ghilani, C. D., & Wolf, P. R. (2015). *Elementary surveying: an introduction to geomatics* (Fourteenth). Pearson Education, Inc.
- Gillins, D. T., & Oceanic, N. (2019). *Accuracy of GNSS Observations from Three Real-Time Networks in Maryland*, *Accuracy of GNSS Observations from Three Real-Time Networks in Accuracy of GNSS Observations from Three Real-Time Networks in Maryland*, USA ( 10077 ) Daniel Gillins , Jacob Heck , . April.
- Hasna, N. R., Setiawan, A., & Parhusip, H. A. (2018). Penentuan Lokasi Lumbung Pangan Berdasarkan Gravity Location Models dengan Koordinat UTM di Provinsi Maluku Utara. *Jurnal Sains Dan Edukasi Sains*, 1(2), 7–16.  
<https://doi.org/10.24246/juses.v1i2p7-16>
- Henning, W. (2011). User Guidelines for Single Base Real Time GNSS Positioning. *Ngs*, April, 131.
- Janssen, V. (2009). A comparison of the VRS and MAC principles for network RTK. *International Global Navigation Satellite Systems Society (IGNSS) Symposium*, 1–13.  
<http://eprints.utas.edu.au/9530/>
- Janssen, Volker, & Haasdyk, J. (2011). *Assessment of Network RTK Performance using*. November.
- Janssen, Volker, Haasdyk, J., & McElroy, S. (2012). Network RTK: Same look and feel... only better. *Position*, January, 20–24. <http://eprints.utas.edu.au/12532/>
- Jeffrey, C. (2010). An introduction to GNSS GPS, GLONASS, BeiDou, Galileo and other Global Navigation Satellite Systems. In *NovAtel inc* (Second Edi). NovAtel inc.
- Landau, H., Vollath, U., & Chen, X. (2002). Virtual reference station improved efficiency. *International Ocean Systems*, 6(6), 10–12.

- Leick, A., Rapoport, L., & Tatarnikov, D. (2015). *GPS SATELLITE SURVEYING* (Fourth Edi). John Wiley & Sons.
- Masykur, M., Handoko, E. Y., & Susilo. (2021). Web-Based Online Post-Processing GNSS Service InaCORS BIG for Mapping Control Point Positioning for Channel or Road Design. *IOP Conference Series: Earth and Environmental Science*, 936(1), 1–11. <https://doi.org/10.1088/1755-1315/936/1/012024>
- Mufid, A. (2017). *Pembuatan Panduan Pengukuran Gps Geodetik Dengan Metode Statik*.
- Mundakir, I. A., Budiawati, O. M., Daniswara, Y. C., & Prayoga, O. (2018). *Analisa Densifikasi INACORS Untuk Mendukung Implementasi Satu Referensi Geospasial Di Indonesia. October 2019*.
- Ranacher, P., Brunauer, R., Trutschnig, W., Van der Spek, S., & Reich, S. (2016). Why GPS makes distances bigger than they are. *International Journal of Geographical Information Science*, 30(2), 316–333. <https://doi.org/10.1080/13658816.2015.1086924>
- Rizos, C., & Han, S. (2003). Reference station network based RTK systems-concepts and progress. *Wuhan University Journal of Natural Sciences*, 8(2), 566–574. <https://doi.org/10.1007/bf02899820>
- Safi'i, A. N. (2014). *ANALISIS KETELITIAN TITIK KONTROL HORIZONTAL PADA PENGUKURAN DEFORMASI JEMBATAN PENGGARON MENGGUNAKAN SOFTWARE GAMIT 10.5*. Universitas Diponegoro.
- Subirana, J. S., Zornoza, J. M. J., & Pajares, M. H. (2013). GNSS Data Processing. In *GNSS Data Processing, Vol. I: Fundamentals and Algorithms: Vol. I*. ESA Communications ESTEC, PO Box 299, 2200 AG Noordwijk, the Netherlands Tel: +31 71 565 3408 Fax: +31 71 565 5433 [www.esa.int](http://www.esa.int). [https://doi.org/10.1007/978-3-030-91821-7\\_7](https://doi.org/10.1007/978-3-030-91821-7_7)
- Sulistyo, B. (2008). Kajian Pemilihan Zone Proyeksi UTM Untuk Pemetaan Kawasan Lintas Batas Zone.pdf. In *Media Teknik Majalah Ilimah Teknologi* (pp. 93–98).
- Syetiawan, A. (2015). Kondisi dan Tantangan Pembangunan Stasiun CORS di Indonesia. *Seminar Percepatan Implementasi ONE MAP POLICY Di Indonesia, December 2015*, 1–6.
- Wang, C., Feng, Y., Higgins, M., & Cowie, B. (2010). Assessment of Commercial Network RTK User Positioning Performance over Long Inter-Station Distances. *Journal of Global Positioning Systems*, 9(1), 78–89. <https://doi.org/10.5081/jgps.9.1.78>
- Wartika, & Goni, M. A. (2013). Sistem Informasi Jaringan Jalan Kabupaten Siak Propinsi Riau. *Jurnal Manajemen Informatika Universitas Komputer Indonesia*.



UNIVERSITAS  
GADJAH MADA

**ANALISIS KUALITAS SOLUSI PENENTUAN POSISI NRTK VRS, MAX, IMAX DAN SINGLE BASE RTK  
NEAREST DI SEKITAR**

**DAERAH ISTIMEWA YOGYAKARTA**

RAYHAN MUHAMMAD H, Dedi Atunggal, S.T., M.Sc.

Universitas Gadjah Mada, 2022 | Diunduh dari <http://etd.repository.ugm.ac.id/>