

## DAFTAR PUSTAKA

- [1] “Asosiasi Penyelenggara Jasa Internet Indonesia.” <https://www.apjii.or.id>.
- [2] A. Y. Syaumi, “Analisa Trafik Scada Dan Voice Pada Vsat,” *J. Teknol. Elektro*, vol. 3, no. 1, pp. 1–10, 2016, doi: 10.22441/jte.v3i1.733.
- [3] “Telkom 3S.” <https://www.satbeams.com/satellites?norad=41944> (accessed Sep. 06, 2020).
- [4] A. Rachman and Neflia, “Analisis Orbit Satelit GSO,” *LAPAN*, pp. 27–42.
- [5] I. MPB and W. Pamungkas, *Sistem Komunikasi Satelit Teori dan Praktik*. Yogyakarta: Penerbit ANDI, 2014.
- [6] L. Honglin *et al.*, “Lithium-ion Battery Flight Experience Return on China Large GEO Communication Satellite,” *2019 Eur. Sp. Power Conf. ESPC 2019*, pp. 1–5, 2019, doi: 10.1109/ESPC.2019.8931975.
- [7] Z. Jun and L. Yuheng, “Eclipse Period GEO Satellite Energy Switching Time Prediction Algorithm,” 2016, doi: 10.1109/ISCID.2016.80.
- [8] D. P. Agung, “EVALUASI KEMAMPUAN BATERE NICKEL HIDROGEN (NiH<sub>2</sub>) PADA SATELIT TELKOM-1 UNTUK MENGHADAPI PRE-VERNAL EQUINOX 2006,” 2006.
- [9] J. Louis J. Ippolito, *Satellite Communications Systems Engineering*. Washington DC: John Wiley & Sons Ltd, 2017.
- [10] O. A. Basuki, E. B. P, and S. N. Sari, “Analisis Link Budget dengan Perbedaan Sudut Azimuth dan Sudut Elevasi pada Proses Pointing Menggunakan Two Line Elements dan Perhitungan Matematis Pada Satelit Telkom-1 dan Telkom-2,” *J. EECCIS*, vol. 10, 2016.
- [11] A. F. R. T. S., *Satellite Handbook*, 3rd ed. Washington, D.C.: American Forces Radio & Television Service Broadcast Center, 2005.
- [12] P. Berlin, *The Geostationary Applications Satellite*. Cambridge: CAMBRIDGE UNIVERSITY PRESS, 1988.
- [13] S. C. Pascall and D. J. Withers, *Commercial Satellite Communication*. Oxford: Reed Educational and Professional Publishing Ltd, 1997.
- [14] D. Roddy, *Satellite Communications*, Fourthh. New York: McGraw-Hill, 2006.

- [15] D. R. Cheruku, *Satellite Communications*. New Delhi: I. K. International Publishing House, 2009.
- [16] N. Goel, *Modelling, Simulation and Intelligent Computing*, vol. 659. 2020.
- [17] A. Fauzi, "Analisa Sistem Power Solar Panel Satelit," vol. 2, no. 1, 2014.
- [18] M. Taufik, "Sistem Daya Elektronik Satelit," *Faktualita*, vol. 11, 2016.
- [19] B. Mckissock, P. Loyselle, and E. Vogel, *Guidelines on Lithium-ion Battery Use in Space Applications*. 2009.
- [20] R. Saad, K. Fayakun, and H. Ramza, "Perhitungan Link Budget Satelit Telkom-1," *Rekayasa Teknol.*, vol. 2, 2011.
- [21] D. Pratiwi and M. Gafar, "Pengaruh Perubahan Modulasi Terhadap Bandwidth Dan Kualitas Link Sistem Komunikasi Satelit," *Sainstech J. Penelit. dan Pengkaj. Sains dan Teknol.*, vol. 25, no. 2, pp. 47–53, 2018, doi: 10.37277/stch.v25i2.97.
- [22] G. Maral and M. Bousquet, *Satellite Communications Systems*, 5th ed. Chichester: John Wiley & Sons Ltd, 2009.
- [23] J. N. Pelton, S. Madry, and S. Camacho-Lara, *Handbook of Satellite Applications*, vol. 1. 2013.
- [24] T. T. Ha, *Digital Satellite Communications*, Second. Singapore: McGraw-Hill, 1990.
- [25] E. Nurdiansyah and A. Mauludiyanto, "Analisis Redaman Hujan pada Frekuensi C-," *J. Tek. ITS*, vol. 6, no. 1, 2017.
- [26] I. T. Union, "Characteristics of Precipitation For Propagation Modelling," *Radiowave Propag.*, 1994.
- [27] I. T. Union, "Recommendation ITU-R P.838-3: Specific Attenuation Model for Rain for Use in Prediction Methods," pp. 1–8, 2005, [Online]. Available: [https://www.itu.int/dms\\_pubrec/itu-r/rec/p/R-REC-P.838-3-200503-I!!PDF-E.pdf](https://www.itu.int/dms_pubrec/itu-r/rec/p/R-REC-P.838-3-200503-I!!PDF-E.pdf).
- [28] M. O. Kolawole, *Satellite Communication Engineering*. 2017.
- [29] L. E. Frenzel Jr., *Principles of Electronic Communication Systems*, Fourth., vol. 28, no. 10. New York: McGraw-Hill, 2016.
- [30] R. L. Freeman, *Radio System Design for Telecommunications*, Third., vol. 53, no. 9. New Jersey: John Wiley & Sons Ltd, 2007.

- [31] PT. Telkom Satelit Indonesia, "Data Parameter Link Bogor - Surabaya." Cibinong, 2021.
- [32] Google inc, "Google Earth - The Most Detailed Globe in The World," 2021. <https://earth.google.com/web/> (accessed Feb. 14, 2021).
- [33] PT. Telkom Satelit Indonesia, *Satelit Operasional Telkom Group*. Bogor: PT. Telkom Satelit Indonesia, 2021.