

## DAFTAR KEPUSTAKAAN

1. Aziz, N.M., Abdullah, C.,I., Brahmantyo, B.,2007, Geologi Fisik, *Catatan Kuliah*, ITB, Bandung.
2. Higuchi, K., Asai, K., Pasuto, A., Marcato, G., 2007, Application of New Landslide Monitoring Technique Using Optical Fiber Sensor at Takisaka Landslide, Japan, *Report PWRI*, Japan
3. Hatta, A. M Semenova Y, Wu Qiang, 2010, Strain Sensor Based on a Pair of Singlemode-Multimode–Singlemode Fiber Structures in a Ratiometric Power Measurement Scheme”. Optical Society of America. *Applied Optics*, vol. 49, No. 3,20 January.
4. Buchade, P.B.Shaligram, 2006, *Simulation and Experimental Studies of Inclined Two Fiber displacement Sensor, Sensor & Actuator*. Elsevier Engineering
5. Jiang, C., G., Liu, F.,J., Dong, X.,M., Peng, J., G., 2005, Research and Manufacture on Integrated Monitoring System of Landslide, *China Occupational Safety & Health Management System Certification: Wuxi, Jiangsu, China*.
6. Asaton, kevin, 2017, *Making Sense of IoT*, Aruba Hewlett Packard Enterprise company.
7. Wildan, P., T., Dwi, H., Bambang, D., 2010, Rancangan Sensor Pergeseran Tanah Berbasis Serat Optik Untuk Deteksi Longsor, *Laporan penelitian*, Pusat Penelitian Fisika – Lembaga Ilmu Pengetahuan Indonesia (LIPI), Tangerang.
8. Faizah, K., Adinanta, H., Widiyatmoko, B., Marzuki, A., 2012, Pengembangan Ekstensometer Optik Berbasis Rugi-Rugi Lekukan Fiber Optik, *Prosiiding Pertemuan Ilmiah XXVI HFFI Jateng & DI ISSN : 0853-0823 IY*, Purworejo.
9. Bayuwati,D., Waluyo, T., B., Puranto, P., Adinanta, H., Mulyanto, I., 2017, Uji Kinerja Ekstensometer Serat Optik di Laboratorium dan Lereng Buatan, *J.Oto.Ktrl.Inst J. Auto*. Vol 9.
10. Wang, X, Bhin, s., Guangqing, w., Shenen, C.,2017, An Energy Demodulation Based Fiber Optic Sensing System for Landslide Early-Warning, *Appl Sci*, 699. MDPI .
11. Bayuwati, D., Tomi., B., W., Bambang, W., 2013, Pemanfaatan Sifat Rugi Lengkungan Serat Optic Ragam Tunggal Dan Ragam Jamak Sebagai Sensor, *Prosidding Pertemuan Ilmiah XXVII Jateng Dan DIY Solo ISSN: 08530823*.

12. Anonim, 2005, *Pengenalan Gerakan Tanah*, VSI ESDM, Departemen Energi dan Sumber Daya Mineral, dari [http://ESDM.ac.id/pengenalan\\_gerakan\\_tanah/VSI](http://ESDM.ac.id/pengenalan_gerakan_tanah/VSI), diakses 4 April 2017.
13. Rino,A., Helendra, Farida, 2016, Monitoring Longsor Dan Mitigasi Bencana Menggunakan Sensor Optik Berstruktur Singlemode-Multimode-Singlemode, *Prosiding Seminar Nasional*, Universitas Riau, Pekanbaru.
14. Prasetya, D., 2009. *Serat Optik*, Universitas Sriwijaya, Palembang.
15. Praja, F.G., 2013, Analisis Perhitungan dan Pengukuran Transmisi Jaringan Serat Optik Telkomsel Regional Jawa Tengah, *Jurnal Online Institut Teknologi Nasional*, Vo.1, No.1, Jurusan Teknik Elektro Institut Teknologi Nasional.
16. Auzaiy., 2008, Analisis Power Budget Jaringan Komunikasi Serat Optik PT Telkom di STO Jatinegara, *Skripsi*, Fakultas Teknik Elektro, Universitas Indonesia, Jakarta.
17. Griffiths, D.J., 1999, *Introduction to Electrodynamics*, Prentice-Hall, Inc, Upper Saddle, New Jersey.
18. Keiser, G., 2000, *Optical Fiber Communications*, The Mc Graw-Hill Companies Inc, USA.
19. Frederick, A., 1990, *Fiber Optics Hand Book for Engineers and Scientist*, Mc Graw-Hill, United States.
20. Fuadi, N., 2010, Sensor Serat Optik untuk Deteksi Uap Etanol pada Proses Fermentasi, *Skripsi*, Institut Pertanian Bogor, Bogor.
21. Fidanboyly, K. dan Efendioglu, H.S., 2009, Fiber Optic Sensors and Their Applications, *5th International Advanced Technologies Symposium*, 13-15 Mei 2009.
22. Jenny, Reinhard, M.S., 2000, *Physich, Fundamentals of Fiber Optics: An introduction for Beginner*, Volpi Manufacturing Inc, pp. 8-10.
23. Clifford R., Pollock, 1995, *Fundamental of optoelectronics*, Irwinc Inc, Chicago.
24. Frank F, Ruhl, 1990, *Lecture Note on single-mode fibre theory*, university of New South Wales, Sedney.
25. Bolton, W., 2006, *Sistem Instrumentasi dan Sistem Kontrol*, PT Gelora Aksara Pratama, Jakarta.
26. Fraden, J., 2004, *The Hand Book of Modern Sensor*, Thermoscan, Inc., California.
27. Burr-brown, 2003, Monolithic photodiode and single supply transimpedance Amplifief, *Datasheet*, Texas instrument, Dallas.

28. Rahajoeningoem, T., Saputra, I.,H., 2017, Sistem Monitoring Cuaca dan Deteksi Banjir pada Android Berbasis Internet of Things (IoT), *Artikel*, Unikom, Bandung.
29. Nugroho, H.,A., ridho, H., P., Suharni, A., T., S., Hariyanto, 2018, Rancang Bangun Real Time Monitoring dan Peringatan Dini Longsor Berbasis Risiko, *Prosiding seminar Nasional Fisika (SINAFI) ISBN: 978-602-74598-2-3*, Prodi Instrumentasi-MKG, STMKG, Jakarta.
30. Raharjo, B., 2015, *Belajar Otodidak MySql*. Informatika, Bandung

