



DAFTAR PUSTAKA

- Begemann, H. dan Hoogkamer, E. 1974. "Stability Calculation After the Restoration of Borobudur". Departemen Pendidikan dan Kebudayaan, Jakarta.
- Bookstein, F.L. 1989. "Principal Warps: Thin-Plate Splines and the Decomposition of Deformations". *IEEE Transactions on Pattern Analysis and Machine Intelligence*.
- Caspary, W.F. 1987. "Concepts of Network and Deformation Analysis". Monograph 11. School of Surveying the University of New South Wales.
- Chen, Y. Q. 1983. "Analysis of Deformation Surveys-a Generalised Method". University of New Brunswick. Canada.
- Chen, Y. Q., Chrzanowski, A. dan Secord, J. M. 1983. "On the Strain Analysis of Tectonic Movement using Fault Crossing Geodetic Surveys". *Tectonophysics*.
- Chrzanowski, A. dan Szostak-Chrzanowski, A. 1993. "Enhancement of Deformation Modelling in Engineering and Geosciences by Combining Deterministic and Generalized Geometrical Analysis". *Proceedings of the Annual Conference of the Canadian Society for Civil Engineering*. CDA. Fredericton.
- Chrzanowski, A. dan Szostak-Chrzanowski, A. 1995. "Identification of Dam Deformation Mechanism". *Proceedings of the International Conference of the Malaysian Water Association on Dam Engineering*. Kuala Lumpur.
- Chrzanowski, A., Szostak-Chrzanowski, A. dan Steeves, R. 2011. "Reliability and Efficiency of Dam Deformation Monitoring Schemes".
- Cressie, N. 1990. "The Origins of Kriging". *Mathematical Geology*.
- Denli, H. H. dan Deniz, R., 2003. "Global Congruency Test Methods for GPS Networks". *Journal of Surveying Engineering*.
- Eberly, D. 2016. "Thin-Plate Spline".
- Fahrurrazi, D. 2011. "Sistem Acuan Geodetik dari Bigbang sampai Kerangka Acuan Terestrial". Gadjah Mada University Press. Bulaksumur. Yogyakarta
- Gomez, C., Janin, M., Lavigne, F., Gertisser, R., Charbonnier, S., Lahitte, P. dan Murwanto, H. 2010. "Borobudur, a Basin Under Volcanic Influence: 361,000



- Years BP to Present". *Journal of Volcanology and Geothermal Research* 196, 245-264.
- Gunarto, H. 2007. "Digital Preservation of Borobudur World Heritage and Cultural Treasures". *Journal of Ritsumeikan Studies in Language and Culture*, 19(2), 263-278.
- Heesom, D. dan Mahdjoubi, L. 2001. "Effect of Grid Resolution and Terrain Characteristics on Data from DTM". *Computer and Civil Engineering*, 137-143.
- Herring, T.A., King, R.W, dan McClusky, S.C. 2006. "Introduction to GAMIT/GLOBK". Department of Earth, Atmospheric, and Planetary Science, Massachusetts Institute of Technology.
- Kuang, S. 1996. "Geodetic Network Analysis and Optimal Design : Concepts and Applications". Ann Arbor Press Inc. Chelsea, Michigan.
- Lestari, D. 2015. "Analisis Stabilitas Candi Borobudur Berdasar Integrasi Data Pengamatan GPS dan Terestris Jaring Pemantau Deformasi Candi". Disertasi, Universitas Gadjah Mada, Program Studi S-3 Ilmu Teknik Geomatika, Yogyakarta.
- Li, Z., Zhu, Q. dan Gold, C. 1960. "Digital Terrain Model-Principles and Methodology". CRC Press, Boca Raton, Florida, USA.
- Miller, C. dan Laflamme, R. 1958. "The Digital Terrain Model-Theory and Applications". *Photogrammetric Engineering*, 24:433-422.
- Murwanto, H. 2011. "Situs Danau di Sekitar Bukit Borobudur, Jawa Tengah, 100 Tahun Pasca Pemugaran Candi Borobudur, Trilogi I: Menyelamatkan Kembali Candi Borobudur". Balai Konservasi Borobudur. Magelang, Jawa Tengah, Indonesia
- Murwanto, H., Gunnell, Y., Suharsono, S., Sutikno, S. dan Lavigne, F. 2004. "Borobudur Monument (Java, Indonesia) Stood by a Natural Lake: Chronostratigraphic Evidence and Historical Implications". *The Holocene*, 459-463.
- Ord, J.K. 1983. "Kriging". *Encyclopedia of Atatistical Science*. Wiley, New York. 411-413.



- Ostertagova, E. 2012. "Modelling using Polynomial Regression". *Procedia Engineering* 48, 500-506.
- Pramuwijoyo, S. dan Thein, P. 2012. "Ancaman Gempabumi terhadap Candi Borobudur, 100 Tahun Pascapemugaran Candi Borobudur, Trilogi II Dekonstruksi dan Rekonstruksi Candi Borobudur". Balai Konservasi Borobudur. Magelang, Jawa Tengah, Indonesia.
- Prasidya, A.S. 2015. "Analisis Regangan 2D Lempeng Tektonik di Patahan Sumatra Berdasarkan Data Pengamatan GNSS Tahun 2010 sampai 2013". Tesis. Program Pascasarjana Fakultas Teknik. Program Studi S-2 Teknik Geomatika. Universitas Gadjah Mada, Yogyakarta.
- Ridpath, I. 2012. "A Dictionary of Astronomy", London: Oxford University Press.
- Sampurno. 1969. "Penelitian Tanah Dasar Tjandi Borobudur". Departemen Pendidikan dan Kebudayaan RI. Pelita Borobudur. Jakarta, Indonesia.
- Setan, H. dan Singh, R. 2001. "Deformation Analysis of a Geodetic Monitoring Network". *Geomatica*, Vol. 55, 333-346.
- Siswosukarto, S. 2012. "Deformasi Struktur Bangunan Candi Borobudur, 100 Tahun Pascapemugaran Candi Borobudur, Trilogi II Dekonstruksi dan Rekonstruksi Candi Borobudur". Balai Konservasi Borobudur. Magelang, Jawa Tengah.
- Soekmono. 1976. "Chandi Borobudur; A Monument of Mankind". Assen/Amsterdam: The Unesco Press, Paris.
- Sulistyono, A. 2002. "Evaluasi Stabilitas Bangunan Candi Borobudur terhadap Pengaruh Swelling". Skripsi. Jurusan Teknik Sipil, Fakultas Teknik, Universitas Gadjah Mada. Yogyakarta. Indonesia.
- Suryolelono, K. 2012. "Struktur Tanah Fondasi dan Stabilitas Bangunan Candi Borobudur, 100 Tahun Pascapemugaran Candi Borobudur, Trilogi II Dekonstruksi dan Rekonstruksi Candi Borobudur". Magelang, Jawa Tengah: Balai Konservasi Borobudur.
- Szostak-Chrzanowski, A., Chrzanowski, A. dan Massiera, M. 2005. "Use of Deformation Monitoring Results in Solving Geomechanical Problems - Case Studies". *Engineering Geology* 79, 3-12.
- Szostak-Chrzanowski, A., Chrzanowski, A., Massiera, M., Bazanowski, M. dan Whitaker, C. 2008. "Study of a Long-term Behavior of Large Earth Dam



Combining Monitoring and Finite Element Analysis Results". *4rd IAG Symposium on Geodesy for Geotechnical and Structural Engineering and 13th FIG Symposium on Deformation Measurements*. Lisbon.

Szostak-Chrzanowski, A., Deng, N. dan Massiera, M. 2007. "Analysis of Deformations of Large Earth Dams". *Journal of Applied Geodesy*, 81-89.

Ulinnuha, H. 2015. "Analisis Deformasi Aspek Geometrik Segmen Mentawai Akibat Gempa Tektonik 10 Juli 2013". Tesis. Program Pascasarjana Fakultas Teknik. Program Studi S-2 Teknik Geomatika. Universitas Gadjah Mada, Yogyakarta.

Van Bemmelen, R. 1949. "The Geology of Indonesia, General Geology of Indonesia and Adjacent Archipelago, Vol 1A". The Hague: Government Printing Office, Martinus Nijhoff.

Voute, C. 1973. "The Restoration and Conservation Project of Borobudur Temple, Indonesia Planning-Research-Design". *Studies in Conservation*, 113-130.

Wang sadinata, W. dan Djayaputra, A. 1977. "Report on the Possible Shrinkage and Swelling of the Borobudur Soil". Departemen Pendidikan dan Kebudayaan RI. Pelita Borobudur. Jakarta.

Weibel, R. dan Heller, M. 1991. "Digital Terrain Modelling" dalam Longley, P.A., Goodchild, M.L., Rhind, M. dan Rhind, D.W. *Geographic Information Systems*, diperoleh dari <http://www.wiley.com/legacy/wileychi/gis/volume.html>.

Widjajanti, N. 1997. "Analisis Deformasi Status Geometrik Dua Dimensi dengan Pendekatan Generalisasi Matriks Kebalikan". Tesis. Program Studi Geodesi, Program Pascasarjana, Institut Teknologi Bandung, Bandung.

Xu P. Grafarend, E. 1995. "A Multi-Objective Second-Order Optimal Design for Deforming Networks". *Geophysical Journal International*.

Yanalak, M. 2003. "Effect of Gridding Method on Digital Terrain Model Profile Data Based on Scattered Data". *Journal of Computing in Civil Engineering*, 58-67.