

## DAFTAR PUSTAKA

- Abbas, Jasim M. 2008. “*Single Pile Simulation and Analysis Subjected to Lateral Load*”. EJGE . Vol.13, Bund E
- Ali, Rafa Sid et al. 2016. “*comparison between 2D and 3D analysis of mono-pile under lateral cyclic load*”.5eme Congres Maghrebin en Ingenierie Geotechnique (5<sup>eme</sup> CMIG’16): Marrakech.
- Budhu, Muni. 2011. “*Soil Mechancs and Foundations 3rd Edition*”. John Wiley & Sons,inc: United States of America.
- Chik, Zamri H. 2009. “*Lateral behaviour of single pile in cohesionless sol subjected to both vertical and horizontal load*”.European Journal of Scientific Research. ISSN 1450-216x Vol. 29 No. 2 (2009), pp. 194-205.
- Elfaaz, Mohamad Fadjar dan Hamdan, Indra Noer. 2016. “*Analisis Daya Dukung Lateral fondasi Tiang Tunggal menggunakan metode elemen Hingga*”. Jurnal Online Institut Teknologi Nasional. Vol 2
- FHWA. 1993. “*COM624P-Laterally Loaded Pile Analyusis Program for The Microcomputer Version 2.0*”. Office of Engineering: Washington, D.C. 20590.
- Hubbell, Inc. 2003. “*Helical Screw Foundation System Design Manual for New Construction*”. A.B Chance Company
- K.E Tand and C. Vipulanandan. 2008. “*Comparison of computed vs. Measured lateral load/deflection response of ACIP piles*”.Plaxis Bulletin journal issue 23 March 2008.
- Kok, S.T and Huat, Bujang B.K. 2008. “*Numerical Modeling of Laterally Loaded Piles*”. American Journal of Applied Sciences 5 (10): 1403-1408. ISSN 1546-9239
- Kristianto, Angga, dkk. 2017. “*Analisis Deformasi Lateral Tiang Tunggal Free-End Pile Pada Tanah Kohesif*”.e-jurnal Matriks Teknik Sipil-juni 2017.
- Liow, Guow Tjie. 2014. “*Common Mistakes on the Application of Plaxis 2D in Analyzing Excavation Problems*” . International Journal of Applied

- Engineering Research. ISSN 0973-4562 Volume 9, number 21 (2014) pp. 8291-8311.
- Look, Burt. 2007. *“Handbook of Geotechnical Investigation and Design Tables”*. Taylor and Francis Group : London
- Moayed, R. Ziaie, et al. 2008. *“Lateral Bearing Capacity of Piles in Cohesive Soils Based on Soil’s Failure Strength Control”*. EJGE, Vol 13, Bund D.
- Nasrulloh, dkk. 2017. *“Analisis Deformasi Lateral Tiang Tunggal Pada Tanah Kohesif”*. e-jurnal Matriks Teknik Sipil – Maret 2017. UNESA.
- Ong D.E.L .2008. *“Benchmarking of FEM technique involving deep excavation, pile soil interaction and embankment construction”*, proceeding of 12<sup>th</sup> international conference of International Association for Computer and Advances in Geomechanics (IACMAG), Goa, India (pp 154-162)
- PLAXIS. 2005. *“Material models manual”*. 202 pp. tersedia pada : <http://www.PLAXIS.nl/files/files/3D2005-3-Material-Models.pdf>, (akses 12/02/2018)
- Raddatz, Dennis and Taiba, Oscar . 2016. *“Modelling of a lateral load test on pile using simplified and numerical methods”*. Journal of the South African Institution of Civil Engineering. Vol 58 No 3, September 2016, pages 13-20, paper 1195.
- Reese, L. C. And Matlock, H. 1956. *“Non-Dimensional Solutions For Laterally Loaded Piles With Soil Modulus Assumed Proportional To Depth.”* Proc. Eighth Texas Conf. On Soil Mechanics and Foundation Eng., Austin
- SNI 8460-2017. 2017. *“Persyaratan Perancangan Geoteknik”*. Badan Standarisasi Nasional.
- Swiss Standard SN 670 010b. 1999. *“Characteristic Coefficient of Soils, Association of Swiss Road and Traffic Engineers”*
- Van der Kwaak, B. 2015. *“Modelling of dynamic pile behaviour during an earthquake using PLAXIS 2D: Embedded beam (row)”*. Thesis of Delft University of Technology.
- Van Impe, Wiliam and Reese C, Lymon. 2011. *Single Piles and Piles Groups Under Lateral Loading*. Taylor and Francis Group : Washington