

DAFTAR PUSTAKA

- Abdou, M., El-Naiem, A., Towfeek, A. R., Hassan, W., & El-Samea, A. (2016). Numerical Analysis of Concrete Solider Pile With Steel Sheet Pile Lagging Supporting System in Sandy Soil. *International Journal of Scientific & Engineering Research*, 7(5), 1643–1660. <http://www.ijser.org>
- Ahmadi, A., & Ahmadi, M. M. (2019). Three-Dimensional Numerical Analysis of Corner Effect of an Excavation Supported by Ground Anchors. *International Journal of Geotechnical Engineering*, 1–13.
- Asiyanto. (2006). *Metode Konstruksi Dewatering* (1st ed.). Penerbit Universitas Indonesia (UI-Press).
- Azizi, F. (2000). *Applied Analyses in Geotechnics* (1st ed.). E & FN Spon.
- Badan Standardisasi Nasional. (1990). *SNI 03-1974-1990 Metode Pengujian Kuat Tekan Beton*. Badan Standardisasi Nasional.
- Badan Standardisasi Nasional. (2017). *SNI 8460:2017 Persyaratan dan Perancangan Geoteknik*. Badan Standardisasi Nasional.
- Badan Standardisasi Nasional. (2019). *SNI 2847:2019 Persyaratan Beton Struktural untuk Bangunan Gedung dan Penjelasan*. Badan Standardisasi Nasional.
- Bahrami, M., Khodakarami, M. I., & Haddad, A. (2018). 3D Numerical Investigation of the Effect of Wall Penetration Depth on Excavations Behavior in Sand. *Computers and Geotechnics*, 98, 82–92.
- Boscardin, M. D., & Walker, M. P. (1998). Ground Movement, Building Response, and Protective Measures. *Proceedings of the Conf. Effects of Construction on Structures*, 45–55.
- Bowles, J. E. (1997). *Foundation Analysis and Design International Fifth Edition* (5th ed.). McGraw-Hill Companies.
- Brinkgreve, R. . (2007). *PLAXIS 2D Manual Version 8*. PLAXIS B.V.
- Chen, W. F., Saleeb, A. F., & Dvorak, G. J. (1994). *Constitutive Equations for Engineering Materials, Volume I: Elasticity and Modeling* (2nd ed., Vol. 1). Elsevier.
- Chheng, C., & Likitlersuang, S. (2018). Underground Excavation Behaviour in Bangkok using Three-Dimensional Finite Element Method. *Computers and Geotechnics*, 95(July 2017), 68–81.

- Coduto, D. P. (2001). *Foundation Design: Principles and Practices* (2nd ed.). Prentice-Hall Inc.
- Cook, R. D., Malkus, D. S., & Plesha, M. . (1988). *Concepts and Applications of Finite Element Analysis* (3rd ed.). John Wiley and Sons.
- Das, B. M., & Sivakugan, N. (2019). *Principles of Foundation Engineering* (T. L. Anderson (ed.); 9th ed.). Cengage.
- Das, B. M., & Sobhan, K. (2018). *Principles of Geotechnical Engineering* (9th ed.). Cengage Learning.
- Day, R. W. (2010). *Foundation Engineering Handbook: Design and Construction with the 2009 International Building Code* (2nd ed.). McGraw-Hill Education.
- Dong, Y. (2014). *Advanced Finite Element Analysis of Deep Excavation Case Histories*. University of Oxford.
- Dong, Y. P., Burd, H., Houlsby, G., & Hou, Y. (2014). Advanced Finite Element Analysis of a Complex Deep Excavation Case History in Shanghai. *Frontiers of Structural and Civil Engineering*, 8(1), 93–100.
- Dong, Y. P., Burd, H. J., & Houlsby, G. T. (2018). Finite Element Parametric Study of The Performance of a Deep Excavation. *Soils and Foundations*, 58(3), 729–743.
- Duncan, J. M., Wright, S. G., & Brandon, T. L. (2014). *Soil Strength and Slope Stability* (2nd ed.). John Wiley & Sons Inc.
- Emuriat, J. E. (2017). Parametric Study on Analysis and Design of Permanently Anchored Secant Pile Wall for Earth Quake Loading. *International Journal of Computational Engineering Research*, 07(05).
- Fathia, J. (2020). *Pengaruh Variasi Panjang Tiang terhadap Perilaku Penurunan Pelat yang Diperkuat Tiang Mini di atas Tanah Lunak Berlapis*. Universitas Gadjah Mada.
- Felippa, A., & Carlos. (2004). *Introduction to Finite Element Methods*. Departement of Aerospace Engineering Sciences and Centre for Aerospace Structures: University of Colorado Bouldor.
- Gere, J., M, T., & P, S. (2000). *Mekanika Bahan 2* (B. Suryoatmono (ed.); 4th ed.). Erlangga.
- Hardiyatmo, H. C. (2014). *Analisa dan Perancangan Fondasi I* (3rd ed.). Gadjah Mada University Press.
- Hardiyatmo, H. C. (2019). *Mekanika Tanah 2* (6th ed.). Gadjah Mada University Press.
- Hsiung, B. C. B. (2009). A Case Study on the Behaviour of a Deep Excavation in Sand. *Computers and Geotechnics*, 36(4), 665–675.

- Hsiung, B. C. B., Yang, K. H., Aila, W., & Hung, C. (2016). Three-dimensional effects of a deep excavation on wall deflections in loose to medium dense sands. *Computers and Geotechnics*, 80, 138–151.
- Khennane, A. (2013). *Introduction to Finite Element Analysis Using MATLAB and Abaqus*. CRC Press.
- Lees, A. (2016). *Geotechnical Finite Element analysis: A Practical Guide*. Institution of Civil Engineers.
- Look, B. G. (2014). *Handbook of Geotechnical Investigation and Design Tables* (2nd ed.). CRC Press.
- Madutujuh, N. (2018). Pengenalan Metode Elemen Hingga dan penerapannya dalam Disain Gedung Bertingkat Tinggi. *Structural Modelling, Analysis and Design in Real Engineering Seminar, April*.
- McCormac, J. C. (2003). *Desain Beton Bertulang, Jilid 1* (5th ed.). Erlangga.
- PCJPB. (2003). *Engineering Standards For Excavation Support Systems*. Caltrain.
- Pratama, A. P. (2018). *Kajian Variasi Penggunaan Angkur dan Kedalaman Secant Pile Terhadap Stabilitas Galian Dalam (Studi Kasus: Proyek Apartemen Grand Dharmahusada Lagoon Surabaya)*. Universitas Gadjah Mada.
- Ramadan, E. H., Ramadan, M., Khashila, M. M., & Kenawi, M. A. (2013). Analysis of Piles Supporting Excavation Adjacent to Existing Buildings. *18th International Conference on Soil Mechanics and Geotechnical Engineering: Challenges and Innovations in Geotechnics, ICSMGE 2013*, 4, 2835–2838.
- Rankine, W. J. M. (1857). II. On the stability of loose earth. *Philosophical Transactions of the Royal Society of London*, 147, 9–27.
- Ryltenius, A. (2011). *FEM Modelling of Piled Raft Foundations in Two and Three Dimensions*. Lund University.
- Salgado, R. (2006). *The Engineering of Foundation*. McGraw-Hill Education.
- Suhendro, B. (2001). *Metode Elemen Hingga*. Beta Offset.
- Tjokrodimuljo, K. (2007). *Teknologi Beton* (1st ed.). Biro Penerbit Teknik Sipil Universitas Gadjah Mada.
- Waterman, D. (2006). *Structural Elements in Plaxis*. A.A Balkema Publisher.
- Wells, J. (2009). Design of Capping Beams. *The Institution of Structural Engineers*, 87(23), 23–26.