## CHAPTER SIX

## REFERENCES

- Kellezi, L, G Kudsk, and H Hofstede. 2008. "Skirted Footings Capacity for Combined Loads and Layered Soil Conditions." *BGA International Conference on Foundations*. Dundee, Scotland: IHS BRE.
- Anas Pur, Hary Christady Hardiyatmo, Bambang Suhendro, and Ahmad Rifa. 2012. "Determining Additional Modulus of Subgrade Reaction Based on Tolerable Settlement For The Nailed-slab System Resting on Soft Clay." *International Journal of Civil & Environmental Engineering* 12 (3): 32-40.
- Anitha, K.S, and K Niranjana. 2016. "A numerical study on bearing capacity of strip footing on layered soil system." *International Journal of Recent Engineering Research and Development (IJRERD)* 2 (4): 145-154.
- Austin Potts. 2009. "Modulus of Subgrade Reaction and Deflection." *Undergraduate Journal of Mathematical Modeling* 2 (1). doi:htp://dx.doi.org/10.5038/2326-3652.2.1.5.
- Barounis, N, and P Armaos. 2016. "Sensitivity analysis of the vertical modulus of subgrade reaction, as estimated from CPT for the design of foundations and for comparison with values from SPT for a site in Chr." *SESOC Journal* 29 (2): 56-62. https://search.informit.com.au/documentSummary;dn=447618312761335;res=IELENG.
- Bekir Akgöz, Kadir Mercan, Çiğdem Demir, and Ömer Civalek. 2016. "Static analysis of beams on elastic foundation by the method of discrete." *International Journal of Engineering & Applied Sciences (IJEAS)* 8 (3): 67-73.
- Binesh, S.M. 2012. "Analysis of beam on elastic foundation using the radial point." *Scientia Iranica* (Sharif University of Technology) 19 (3): 403-409. doi:10.1016/j.scient.2012.04.003.
- Bjørn Staghøj Knudsen, and Niels Mortensen. 2016. "Bearing Capacity, Comparison of Results from FEM and DS/EN 1997-1 DK NA 2013." *17th Nordic Geotechnical Meeting*. 577-586.
- Cooray. 1967. Geological map of Colombo city.
- Diego Froio, and Egidio Rizzi . 2016. "Analytical solution for the elastic bending of beams lying on a variable Winkler support." *Acta Mechanica* 227 (4): 1157–1179. doi:10.1007/s00707-015-1508-y.
- Geotechnocal Control Office. 1982. "Guide to Retaining wall design." *Publications of the Geotechnical Control Office*.
- Hetenyi, M. 1979. *Beams on elastic foundation*. Vol. xvi. United States: The university of Michigan press.
- Jamshid Sadrekarimi, and Maryam Akbarzad Ghamari. 2008. "Te Coefcient of Subgrade Reaction and Its Accuracy on Design of foundations." *International Conference on Case Histories in Geotechnical Engineering*. Missouri University of Science and Technology. http://scholarsmine.mst.edu/icchge/6icchge/session 01/35.
- Joseph E. Bowles. 1997. *Foundation Analysis and Design*. 5. Edited by Inc The McGraw-Hill Companies.
- Mohd Ahmed, Mohamed Mahmoud H, Javed Mallick, and Mohd Abul Hasan. n.d. "3D-Analysis of Soil-Foundation-Structure." *Open Journal of Civil Engineering*, (Scientific Research Publishing Inc) 4: 373-385. doi:10.4236/ojce.2014.44032.
- Paul Akagwu, and Aaron Aboshio. 2016. "Failure Modes and Bearing Capacity Estimation for Strip Foundations in C-φ Soils." *International Journal of Civil and Environmental Engineering*

- (World Academy of Science, Engineering and Technology) 10 (9): 1228-1232. https://waset.org/Publication/10005793.
- Ramasamy, G, and G Kalaiselvan. 1998. "A Case Study on Setlement of Oil Storage Tank." *Fourth International Conference on Case Histories in Geotechnical Engineering.* St. Louis, Missouri: University of Missouri Rolla. htp://scholarsmine.mst.edu/icchge/4icchge/4icchgesession01/41.
- Ranjitha, P, and R Sathyanarayanan Sridha. 2017. "Influence of Subgrade Modulus and Thickness on the Behaviour of Raft Foundation." *International Research Journal of Engineering and Technology (IRJET)* 4 (4): 2813-2821.
- Tjie-Liong, GOUW. 2001. "Notes on the application of spring constant and soil structure interaction problem." *The Advancement & Trend in Soil Structural Engineering in The Third Millennium.* Jakarta, Indonesia. Accessed March 7th, 2001.
- Worku, Asrat. 2007. "The use of spring in static analysis of structures to account for short and long term subgrade deformation." *Journal of EEA* (Addis Ababa University) 24.
- Zissimos, P, Mourelatos, and G Parsons. 1987. "A finite element analysis of beams on elastic foundation including shear and axial effects." *Computers & Structures* (Pergamon Journals Ltd.) 27 (3): 323-331.