

REFERENCES

1. Bowles, J.E., (1996) "Foundation Analysis and Design", 5th Edition, McGraw-Hill.
2. Terzaghi, K., (1943) "Theoretical Soil Mechanics", John Wiley & Sons, New York, 510 pp.
3. N.C.Consoli, A.Thome, M.Donato and J.Graham Loading tests on compacted soil, bottom-ash and lime layers. Proceedings of the Institution of Civil Engineers-Journal of Geotechnical Engineering, February,2008, 16, pp29-38.
4. "ICTAD Guidelines for Site Investigations for Foundations of Buildings", ICTAD Publication No: ICTAD/ID/11, 1st Edition, January 1994.
5. Jumikis, A.R. (1962). D.Van Nostrand, NJ. 791PP.
6. Ko, H.Y., and L.W. Davidson (1973) "Bearing Capacity of Footings in Plain Strain" JSMEF, ASCE, vol. 99, SM1, Jan, pp1-23.
7. Lambe, T.W., (1964), "Method of Estimating Settlement", 2nd PSC, ASCE. pp.47-71
8. Lecture notes of MEng. Course on Foundation Engineering, 2002-2003, University of Moratuwa.
9. Burmister, D.M., "Evaluation of Pavement Systems of WASHO Road Testing Layered System Method", Highway Research Board, Bulletin 177, 1958.
10. Hanson, J.B., (1970), "A Revised and Extended Formula for Bearing Capacity", Danish Geotechnical Institute, Copenhagen, Bul. No. 28,21 pp. (Successor to Bul. No. 11).
11. American Society for Testing and Material, "Standard Test Method for Bearing Capacity of Soil for Static Load and Spread Footings". ASTM, Philadelphia, 1998.D1194.
12. Timoshenko, S., and J.N.Goodier (1951), Theory of Elasticity, 2nd ed., McGraw - Hill, NewYork, 506pp.
13. Terzaghi, K.and R.B. Peck (1967), Soil Mechanics in Engineering Practice, 2nd ed., John Wiley & Sons, New York, 729 pp.
14. Schmertmann, J.H. (1970), "Static Cone to Compute Static Settlement over Sand." JSMEF, ASCE, vol. 96, SM3, May, pp.1011 – 1043.
15. PLAXIS, Finite Element Code for Soil and Rock Analyses, Version 7, 1998.
16. Smith, I.M., Griffith, D.V., (1982), Programming the Finite Element Method, Second Edition, John Wiley & Sons, Chisester, U.K.
17. Duncan, J.M., Chang, C.-Y., (1970), Nonlinear Analysis of Stress and Strain in Soil, ASCE J. of the Soil Mech. and Found. Div. Vol. 96, pp.1629 – 1653.
18. Koiter, W.T., (1960), General Theorems for Elastic – Plastic Solids. In: Progress in Solid Mechanics (eds. I.N.Sneddon, R. Hill), Vol. 1., North – Holland, Amsterdam, pp.165-221.
19. Van Langen, H., Vermeer, P.A., (1990), Automatic Step size Correction for Non -- Associated Plasticity Problems, Int. J. Num. Meth. Engng., Vol. 29, pp. 579 – 598.

20. Kulhawy, F.H., Mayne, P.W., (1990), Manual on Estimating Soil Properties for Foundation Design, Cornell University, Ithaca, New York
21. Consoli, N.C., et. al., (1991), "Behaviour of Compacted Soil-fly ash-carbide lime mixtures, Journal of Geotechnical and Geoenvironmental Engineering, ASCE, 1991, 127, No.9, 774-782.
22. Consoli, N.C., et. al., (1991), "Behaviour of Plate Load tests on soil layers improved with cement and Fibre, Journal of Geotechnical and Geoenvironmental Engineering, ASCE, 2003, 129, No.1, 96-101.
23. Newmark, N.M., (1935), "Simplified Computation of Vertical Pressures in Elastic Foundations", University of Illinois Engineering Experiment Station Bull., No. 24, Urbana, IL, Pp5-19.



University of Moratuwa, Sri Lanka.
Electronic Theses & Dissertations
www.lib.mrt.ac.lk