

PROFESSOR HARRY G. POULOS - LIST OF PUBLICATIONS

(a) Books

- (1) **Poulos, H.G.** and Davis, E.H., (1974) "Elastic Solutions for Soil and Rock Mechanics". John Wiley and Sons, New York.
- (2) **Poulos, H.G.** and Davis, E.H., (1980) "Pile Foundation Analysis and Design". John Wiley and Sons, New York.
- (3) **Poulos, H.G.**, (1988) "Marine Geotechnics". Unwin Hyman, London.

Note: I have also prepared the SI version of the standard text "Soil Mechanics" by T.W. Lambe and R.V. Whitman, John Wiley and Sons, New York, 1979.

(b) Chapters in Books

- (1) Morgan, J.R. and **Poulos, H.G.** (1968) "Settlement and Stability of Deep Foundations". Ch. 9 in 'Soil Mechanics Selected Topics', Ed. I.K. Lee, pp. 528-609, Butterworths.
- (2) **Poulos, H.G.** (1974) "Some Recent Developments in the Theoretical Analysis of Pile Behaviour". Ch. 7 in 'Soil Mechanics - New Horizons', Ed. I.K. Lee, Butterworths.
- (3) **Poulos, H.G.** (1977) "Settlement of Pile Foundations". Ch. 10 in 'Numerical Methods in Geotechnical Engineering', Ed. C.S. Desai and J.T. Christian, McGraw-Hill, New York.
- (4) **Poulos, H.G.** (1979) "Foundation Settlement Analysis Using Elastic Theory". In 'The Profession of a Civil Engineer', Ed. D. Campbell-Allen and E.H. Davis, pp. 119-146, Sydney University Press.
- (5) Duncan, J.M. and **Poulos, H.G.** (1981) "Modern Techniques for Analysis of Engineering Problems in Soft Clay". In 'Soft Clay Engineering', Ed. E.W. Brand and P. Brenner, Elsevier.
- (6) **Poulos, H.G.** (1987) "Piles and Piling", Ch. 52 of Ground Engineer's Reference Book, Ed. F.G. Bell, Butterworths, London.
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- (8) **Poulos, H.G. & Small, J.C.** (2000). "Development of design charts for concrete pavements and industrial ground slabs". Chapter 2, Design Applications of Raft Foundations, Ed. J.A. Hemsley, Thomas Telford, 39-70.
- (9) **Poulos, H.G.** (2000). "Practical design procedures for piled raft foundations". "Chapter 15, Design Applications of Raft Foundations, Ed. J.A. Hemsley, Thomas Telford, 425-467.
- (10) **Poulos, H.G.** (2001). "Spannungen und setzungen im bodem". Grundbau-Taschenbuch, Ed. U. Smoltzyk, Ernst und Sohn, Berlin.
- (11) **Poulos, H.G.** (2001). "Pile foundations". Ch. 10 of Geotechnical and Geoenvironmental Engineering Handbook, Ed. R.K. Rowe, Kluwer Academic Press, Boston, pp. 261-304.

- (12) **Poulos, H.G.** (2002). "Calculation of stresses and settlements". Chapter 1.6 of Geotechnical Engineering Handbook, Volume 1, Fundamentals, Ed. U. Smoltczyk, Ernst & Sohn, Berlin, pp. 259-312.
- (13) Small, J.C. and **Poulos, H.G.** (2003). "Structural integrity issues associated with soils and rock in civil engineering industries". Ch. 1.11, Comprehensive Structural Integrity, Ed. Karihaloo et al, Elsevier, Amsterdam, pp. 217-239.
- (14) Liyanapathirana, S. and **Poulos, H.G.** (2009). "Seismic Analysis of Pile Foundations in Liquefying Soil". Ch. 5 of "Linear and Non-linear Numerical Analysis of Foundations", Ed. John W. Bull, Taylor and Francis, Abingdon.
- (15) **Poulos, H.G.** (2013). "Deep Foundation Design for Tall Buildings". Chapter 3.1 of Conception et Calcul des Fondations sur Pieux, Ed. A. Bouafia, Dar Khattab, Algeria, 231-261.
- (16) **Poulos, H.G.** (2013). "Piles Subjected to Ground Movements". Chapter 3.3 of Conception et Calcul des Fondations sur Pieux, Ed. A. Bouafia, Dar Khattab, Algeria, 293-315.

(c) Sole Papers

1967

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- (2) **Poulos, H.G.** (1967) "The Use of the Sector Method for Calculating Stresses and Displacements in an Elastic Mass". *Proc. 5th Australia-New Zealand Conference on Soil Mechanics*, Auckland, pp. 198-204.

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- (3) **Poulos, H.G.** (1968) "Analysis of the Settlement of Pile Groups". *Geotechnique*, 18:449-471.
- (4) **Poulos, H.G.** (1968) "The Behaviour of a Rigid Circular Plate Resting on a Finite Elastic Layer". *Civil Eng. Trans. of Inst. of Engrs. Aust.*, Vol. CE 10, pp. 213-219.
- (5) **Poulos, H.G.** (1968) "The Influence of a Rigid Pile Cap on the Settlement Behaviour of an Axially-Loaded Pile". *Civil Eng. Trans. of Inst. of Engrs. Aust.*, Vol. CE 10, 206-208.

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- (6) **Poulos, H.G.** (1969) "The Settlement of Under-Reamed and Step-Taper Piles". *Civil Eng. Trans. of Inst. Of Engrs. Aust.*, Vol. CE 11, 83-87.

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- (13) **Poulos, H.G.** (1972) "Observed and Predicted Behaviour of Two Embankments on Clay". *Geotechnical Eng.*, Vol. 3, No. 1, pp. 1-20.
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- (22) **Poulos, H.G.** (1975) "Settlement of Isolated Foundations". Symposium on Recent Developments in Analysis of Soil Behaviour and their Application to Geotechnical Structures, University of NSW, pp. 181-212.

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