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This article serves as a comprehensive guide for geotechnical topics in civil engineering. The article covers the basics of the geotechnical engineering, soil mechanics studies, and fundamental aspects of geotechnical engineering. It also covers articles from other engineering sciences that make use of concepts of geotechnical studies and findings.

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Finite element analysis in geotechnical engineering Theory

1 Using MATLAB as a Modelling Tool for Civil Engineering Design Projects A/Prof Hadi Khabbaz Email: hadi.khabbaz@uts.edu.au 4 July 2016 MATLAB ACADEMIC CONFERENCE 2016

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