

459.732 Numerical Methods in Rock Engineering

Autumn 2014

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Assignment #1 (1 September)

due by 12 September 2014

1.

Choose one of the following papers and submit the review report on the selected paper. In the report you need to include a concise summary of it and your own views.

Starfield, A.M. and P.A. Cundall, 1988, *TOWARDS A METHODOLOGY FOR ROCK MECHANICS MODELING*. Int J Rock Mech Min Sci & Geomech Abstr, **25**(3): p. 99-106

Cundall PA, 2000, A Discontinuous Future for Numerical Modelling in Geomechanics?, *Geotech Eng*, 149(1):41-47

Fairhurst, C., 1994, *Analysis and design in rock mechanics - The general context*. Comprehensive Rock Engineering, ed. J.A. Hudson. Vol. 2., Pergamon: Oxford. 1-29.

Oreskes, N., K. Shrader-Frechette and K. Belitz., 1994, Verification, Validation, and Confirmation of Numerical Models in the Earth Sciences, *Science*, **263**, 641-646

Please submit the home assignment to TA Bona Park, tautou37@snu.ac.kr