Sharif University of Technology
School of Civil Engineering

STRUCTURAL ANALYSIS II

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Schedule:	<u>Lecture</u>: Saturday, 10:30-12:30
Grading:	- Homework 15% - Mid-term exam 35% - Final exam 50%
Exam Dates:	Mid-term: Saturday – Ordibehesht 11th - 10:30-12:30
Lecture Topics:	- Analysis of statically indeterminate structures by the method of consistent deformation - Slope-deflection method - Moment distribution method - Nonprismatic members - Approximate analysis of structures - Influence line of indeterminate structures - Introduction to matrix analysis of structures
Texts:	*1- Structural Analysis,* R.C. Hibbeler *2- Elementary Theory of Structures*, Yuan-yu Hsieh *3- Elementary Structural Analysis*, Norris, Wilber and Utku *4- Intermediate Structural Analysis*, C.K. Wang *5-Fundamentals of Structural Analysis*, Leet, Uang, & Gilbert