BLD315: Structural Theory (3 Units)

Department of Building Technology

Covenant University
1. BLD315

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Deflection analysis of statically indeterminate structures (beams and trusses); Analysis of statically indeterminate trusses application of energy methods; Analysis of statically indeterminate beams and frames using three moment equations, slope deflection equations and Hardy Cross method of moment distribution; Cantilever and Portal Methods of Moment Distribution; Column Analogy: Influence Lines applied to statically indeterminate structures;