

CIVE 605. STABILITY OF STRUCTURES.

Credits: 4

Offered by: Civil Engineering (Graduate Studies)

This course is not offered this catalogue year.

Description

Buckling of elastic columns by equilibrium analysis. Buckling of inelastic columns. Energy analysis and approximate methods. Stability of frames. Torsional buckling of columns and flexural-torsional buckling of beams. Buckling of plates and axially compressed circular cylindrical shells. Stability analysis using the finite element method.

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