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STUDY OF STABILITY OF COMPOSITE STEEL AND CONCRETE COMPRESSED COMPOSITE ELEMENTS

There is suggested the method of numerical research of critical flexural buckling load of composite steel and concrete member for variable cross-section. There are shown results of approbation for steel elements with constant cross-section and preliminary results of researches for composite steel and concrete elements.

Keywords: *composite steel and concrete member, flexural buckling, critical load, buckling resistance of columns, numerical methods*