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## ГРАЂЕВИНСКИ ФАКУЛТЕТ СУБОТИЦА

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Објављен рад

Mechanics of Advanced Materials and Structures

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This article presents numerical analysis of typical folded-plate structures by the finite strip method (FSM) taking into account geometrical and material nonlinearity. Harmonic coupled FSM is used for geometrical nonlinear analysis, whereas rheological-dynamical analogy for the analysis of softening behavior. The efficiency of this novel method is demonstrated on the structures that are experimentally investigated and described in cited literature.

