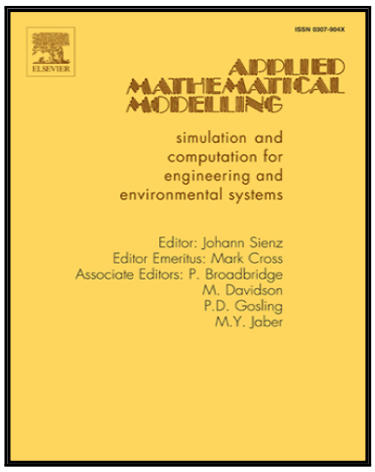

A symplectic analytical wave propagation model for damping and steady state forced vibration of orthotropic composite plate structure

Yongbin Ma , Huimin Li , Wenwang Wu , Tianbao Cheng , Daining Fang

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Highlights

- A symplectic analytical wave model is proposed for damping of orthotropic composites.
- The vibration of composites is solved by a hybrid wave and finite element model.
- The relationship between the wave damping and the modal damping is revealed.