STABILITY OF THERMOELASTIC LAYERED COMPOSITE IN AXIAL MOVEMENT

Nikolay Banichuk¹, Evgeny Makeev¹, Pekka Neittaanmaki² and Tero $\mathbf{Tuovinen}^2$

 ¹ Institute for Problems in Mechanics RAS, Moscow Institute of Physics and Technology, Russia Federation, {banichuk / makeev}@ipmnet.ru
² University of Jyvaskyla, Faculty of Information Technology, Mattilanniemi 2, Jyvaskyla, Finland, {pekka.neittaanmaki / tero.tuovinen@jyu.fi}

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In this paper we study mechanical model for a layered thermoelastic composite and its stability in high-speed axially movement. We consider statical forms of the loss of stability and apply some approaches, based on averaging of the thermomechanical characteristics of layered composite materials and find some effective modulus of the considered composite structures.

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