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PROPAGATION OF UNSTATIONARY
LONGITUDINAL WAVES IN VISCOELASTIC
CYLINDRICAL LAYER ON ABSOLUTELY RIGID
BASE

Abstract

To detect a defect on contact "plastic-metal" in cylindrical components encapsulated by plastic layer theoretical investigation of wave propagation to create bases for application wave testing methods is necessary. In the paper we consider the problem on wave propagation in cylindrical viscoelastic layer rigidly fastened to absolutely rigid base.