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Calculation of Stressedly-Deformed State of Rubber Components of Rubber-Metal Joint of Caterpillar Mover

S.A. Korostelyov, D.Y.Kashirsky, K.S. Nechaev

In the article there is an algorithm of calculation of stressedly-deformed state of rubber components of the caterpillar mover, the state is caused by press-fitting of the rubber-metal pin in holes of lugs and consequent loading with radial force and torque. The algorithm is based on Δ-method. The numerical implementation of the algorithm is done with the finite-element method.