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## Calculation of stresses in superflywheel

Berezhnoi D., Chickrin D., Gajnulina L., Kokunin P., Kurchatov E., Sozutov I.  
*Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia*

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### Abstract

© 2016 D.V. Berezhnoi et al. In this work it was obtained the exact solution of a problem of rotation of the superflywheel made by a packing of family of concentric cylinders at each other with a constant tightness. It was noted an increase in power capacity of a superflywheel while reducing of relative radius of an internal opening in a flywheel and with increasing the coefficient of Poisson of superflywheel material.

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### Keywords

Flywheel, Kinetic energy, Relative energy capacity