THICK-WALLED MICROPOLAR CYLINDER IN A STATE OF PLANE STRAIN.

Baluch Mohammed H., Korman Talat, Goldberg John E., Morghem Faisel T.
Nuclear Engineering and Design
Vol. 30, Issue.1, 1974

Abstract: This paper deals with the important boundary value problem of a thick-walled micropolar cylinder loaded with an internal pressure. Use is made of a finite element model to study the influence of the micropolar characteristic on the stresses and displacements in the cylinder.