## TOPIC

Strength of Materials - Section VIII - Question 4

## QUESTION

A hollow cylinder of length 6", and inner and outer radii 1.5" and 3", respectively is twisted by a torque of 2000 lb-in. Given the shear modulus, G =11000 psi, Poisson's ratio, v = 0.3333, the angle of twist in degrees most nearly is

(A) 0.0873

(B) 0.524

(C) 1.048

(D) 1.397

## CONTRIBUTOR

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