**Unit 6: Quiz 7c**

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A grinding wheel slows from 2200 rpm to 900 rpm in 3.5 seconds.

1. What is the angular acceleration?
2. If the wheel is 15 m in diameter, what is the linear (***tangential***) acceleration of a point on its edge?
3. If the wheel in has a mass of 1.1 kg, what torque is required to slow it down from 2200 rpm to 900 rpm in 3.5 seconds if applied to the edge of the wheel?

Answers:

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