Quiz – 3

Problem: The wheel consists of a 4-kg rim of 250-mm radius with hub and spokes of negligible mass. The wheel is mounted on the 3-kg yoke *OA* with mass center at *G* and with a radius of gyration about *O* of 350 mm. If the assembly is released from rest in the horizontal position shown and if the wheel rolls on the circular surface without slipping, compute the velocity of point *A* when it reaches *A'*.