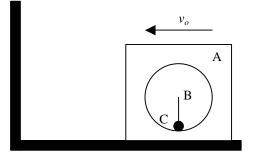# Example Problem - Le 03

Given: Sphere C and Block A are both moving to the left with a velocity of v_o when the block is suddenly stopped by the wall. Point B is attached to block A.

Find: The smallest velocity for which the sphere will swing in a full circle about the pivot B if
    a)   BC is a slender rod of negligible mass
    b)   BC is a cord