



# LPR Cup

9.s01.e04

Hint 1



## Hint 1

A small washer mass  $m$  moves on a horizontal smooth surface and faces the stationary washer with small mass  $m$ , which is connected with a rigid rod with another washer with mass  $2m$ . Find velocity at which bounces incident washer. The initial velocity of the washer is directed parallel to the rod.