

Particle Impact Prob 6: Ball Oblique on Angled Surface

A ball moving at speed $v_1 = 4 \text{ m/s}$ strikes an angled slope and rebounds with speed v_2 at angle θ_2 . Please determine v_2 and θ_2 . Assume no friction between the ball and the ground, and treat the ball as a particle. Let $e = 0.7$. The ground doesn't move (it's not a wedge that will move or slide).





