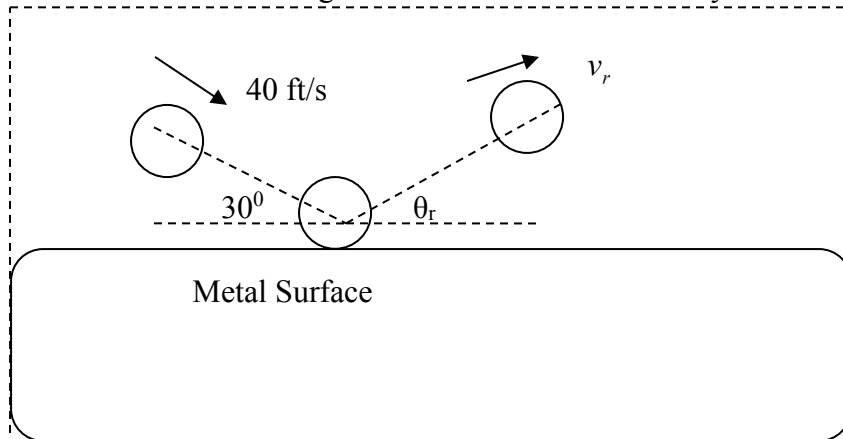


TOPIC

Engineering Mechanics (Statics and Dynamics) – Section VII – Question 13

QUESTIONA steel ball falls on a large metal surface with a velocity of 40ft/s at an angle of 30° .

The rebound velocity in ft/s of the ball is most nearly (assume a coefficient of restitution between the ball and plate to be 0.47)

- (A) 9.400
- (B) 18.80
- (C) 34.64
- (D) 35.89

CONTRIBUTOR

Autar Kaw