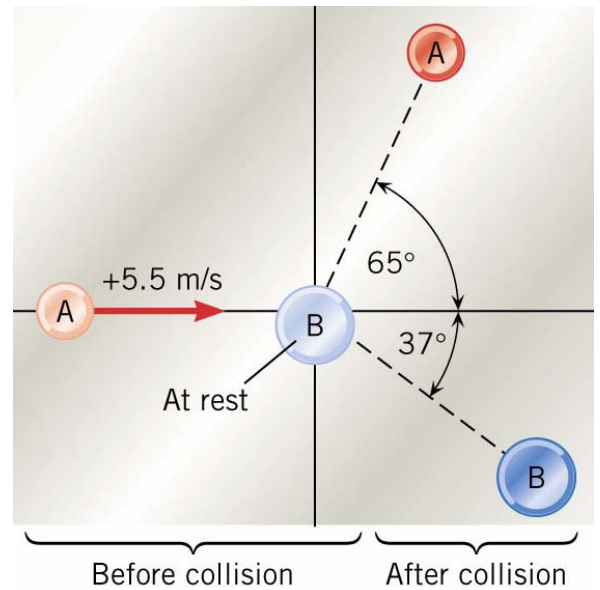


Physics 151 Class Exercise: Momentum II

1. A 0.43 kg red hockey puck slides at 5.5 m/s into a 0.62 kg blue hockey puck that is at rest on the ice as is shown in the diagram. Find the velocities of the pucks after the inelastic collision.



Answer:	
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Answer:	
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2. A 0.430-kg block is attached to a horizontal spring that is at its equilibrium length, and whose force constant is 20.0 N/m. The block rests on a frictionless surface. A 0.0500-kg wad of putty is thrown horizontally at the block, hitting it with a speed of 2.30 m/s and sticking. How far does the putty-block system compress the spring?

Answer:	
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