

Keynotes. Dec 17, 2017

We did the “high-energy collision” experiment.
We demonstrated that the scattering angle between two identical elastic balls, one of which was originally stationary, is always 90 degree. This is called the second law of the pool game.

Simple Problem:

A block weighing 200 N is pushed along a surface. If it takes 80 N to get the block moving and 40 N to keep the block moving at a constant velocity, what are the coefficients of friction μ_s and μ_k ?

Happy Christmas!