HE4 your name(s)

Physics 321 Quiz #9b (20 pts. extra quiz credit) - Friday, November 9 2018

Work in groups of 2 or 3. This is open-book, open-note, open-mouth.

Consider a point particle elastically scattering off a hard spherical ball of radius R. For such an elastic scattering, the incoming and outgoing angles, ϕ , relative to the direction pointing to the contact point, are equal. This is illustrated in the picture.

