



A diagram showing a sphere of radius a in medium 1 (gray) above a horizontal wall in medium 2 (gray). Medium 3 (cyan) is the space between the sphere and the wall. A vertical double-headed arrow labeled z indicates the distance from the wall to the bottom of the sphere.

Sphere
Radius a
medium 1 ϵ_1

medium 3
 ϵ_3

medium 2 ϵ_2

Wall