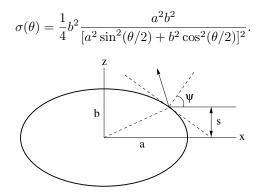
## [mex60] Elastic scattering from a hard ellipsoid

Show that the cross section for elastic scattering from a hard ellipsoid described by the equation  $x^2/a^2 + (y^2 + z^2)/b^2 = 1$  with the incident beam along the x-axis is



Solution: