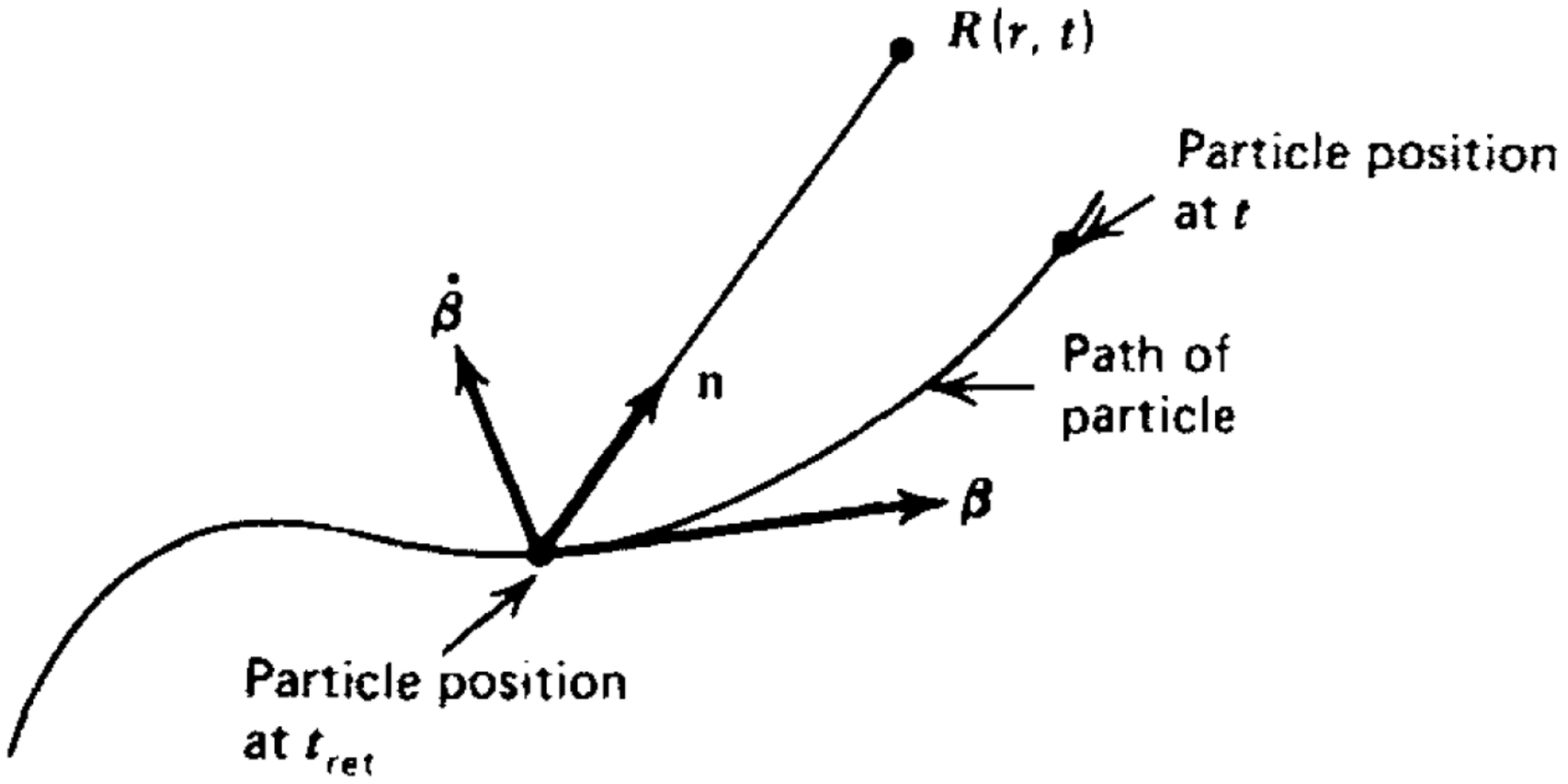

Figure 3.1 Geometry for calculation of the radiation field at R from the position of the radiating particle at the retarded time.

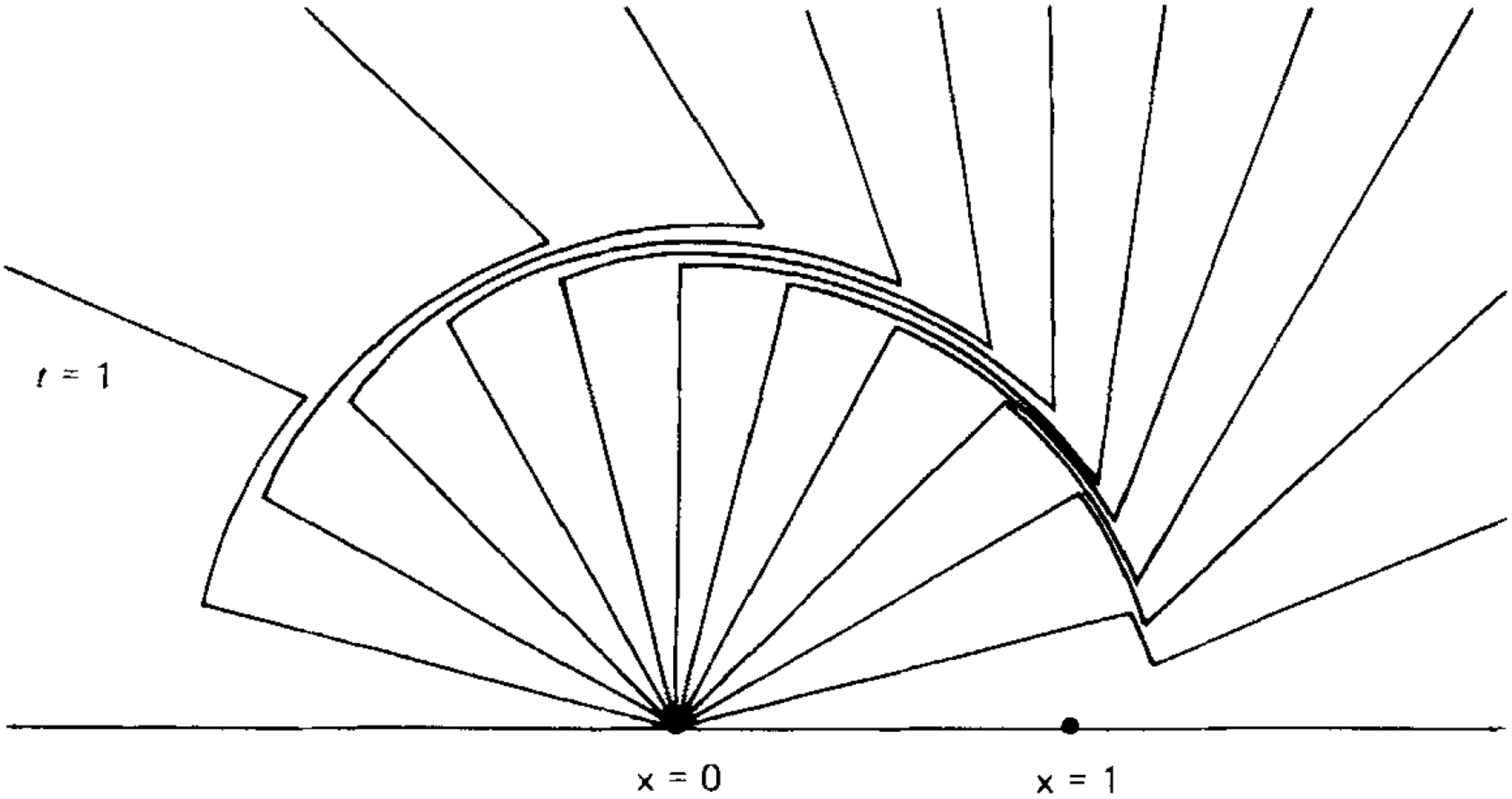

Figure 3.2 Graphical demonstration of the 1/R acceleration field. Charged particle moving at uniform velocity in positive x direction is stopped at x = 0 and t = 0.

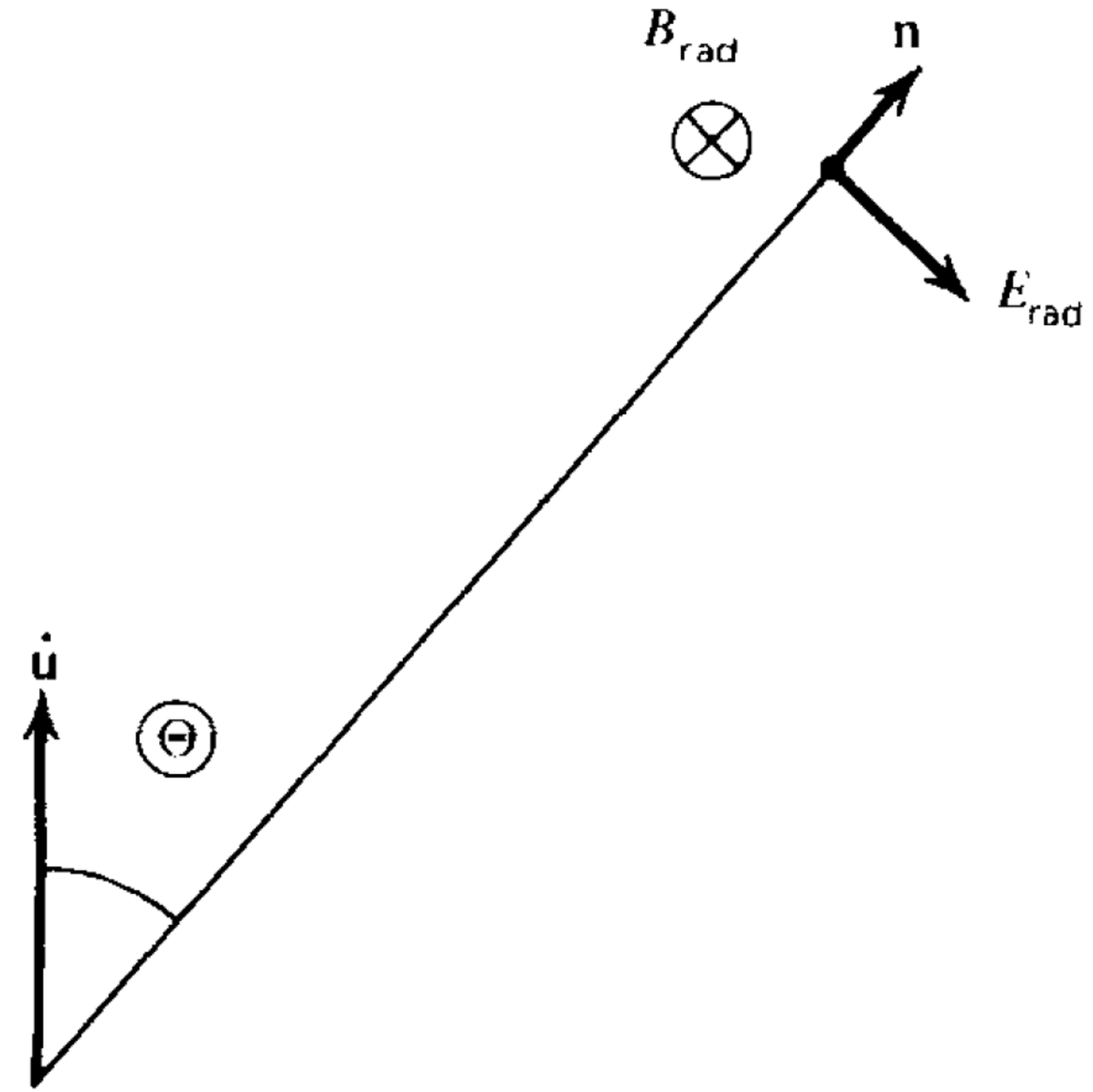

Figure 3.3 Electric and magnetic radiation field configurations for a slowly moving particle. The direction of B_{rad} is into the page.

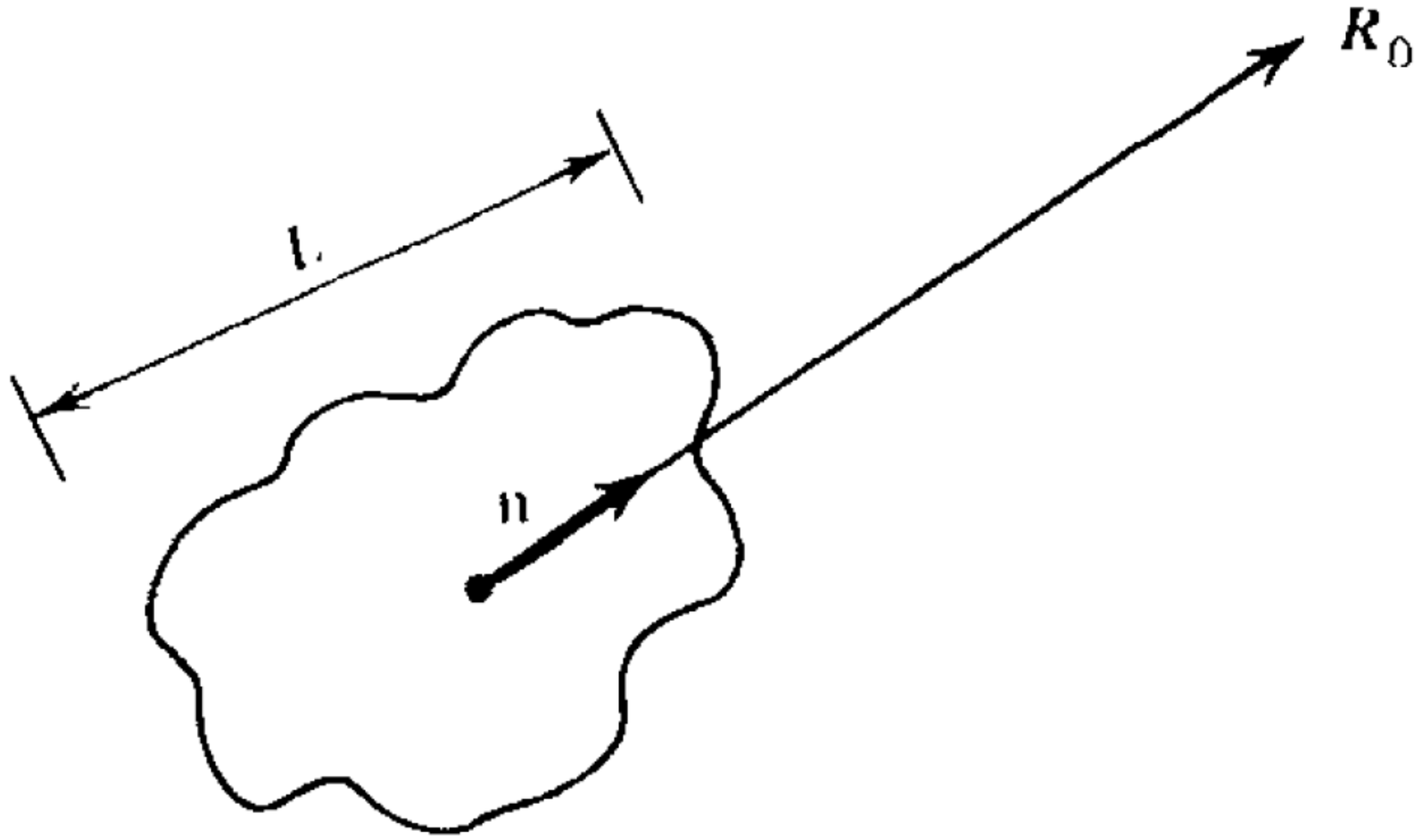

Figure 3.4 Radiation from a medium of size L.

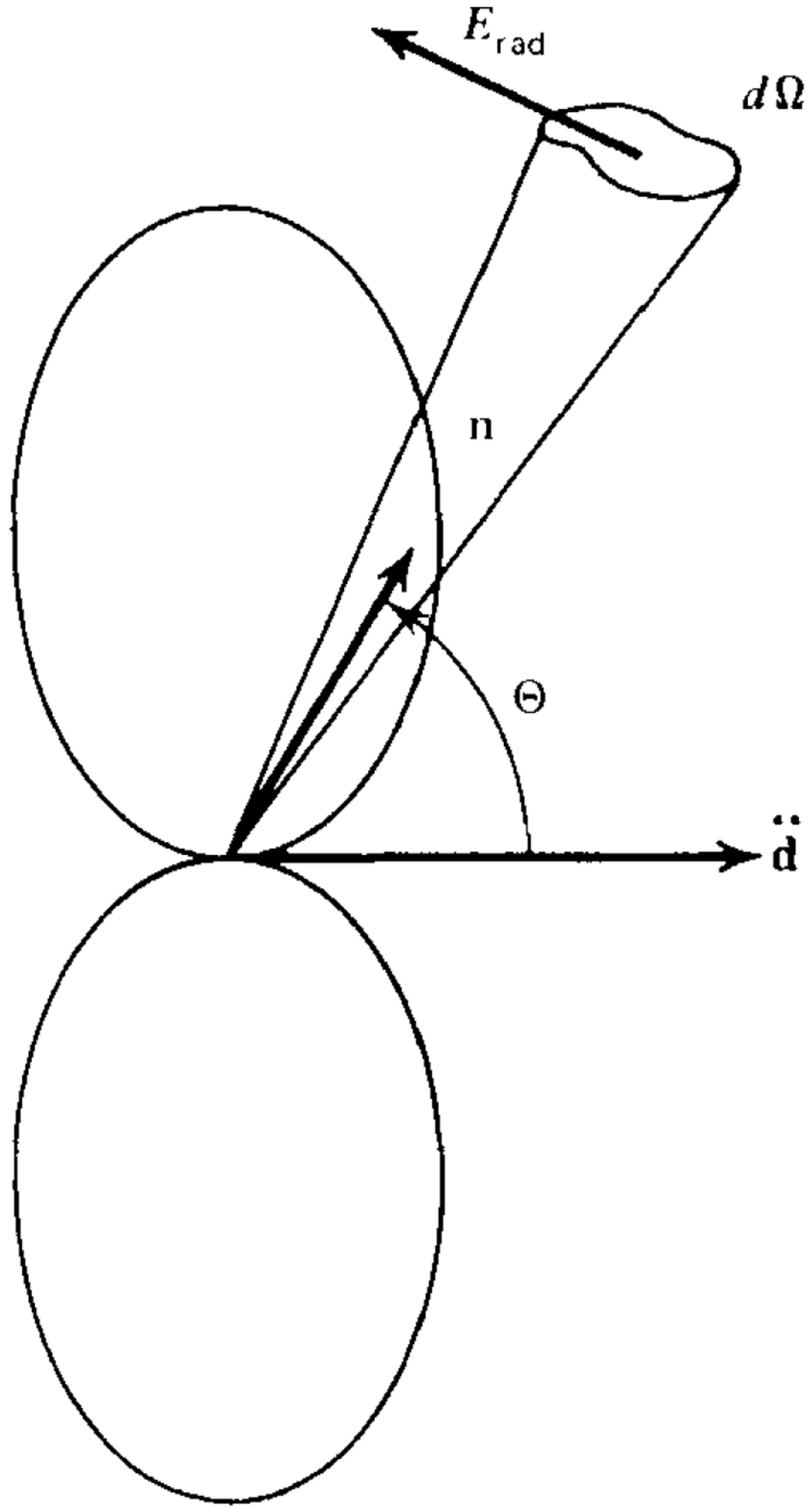

Figure 3.5 Geometry and emission pattern for dipole radiation.

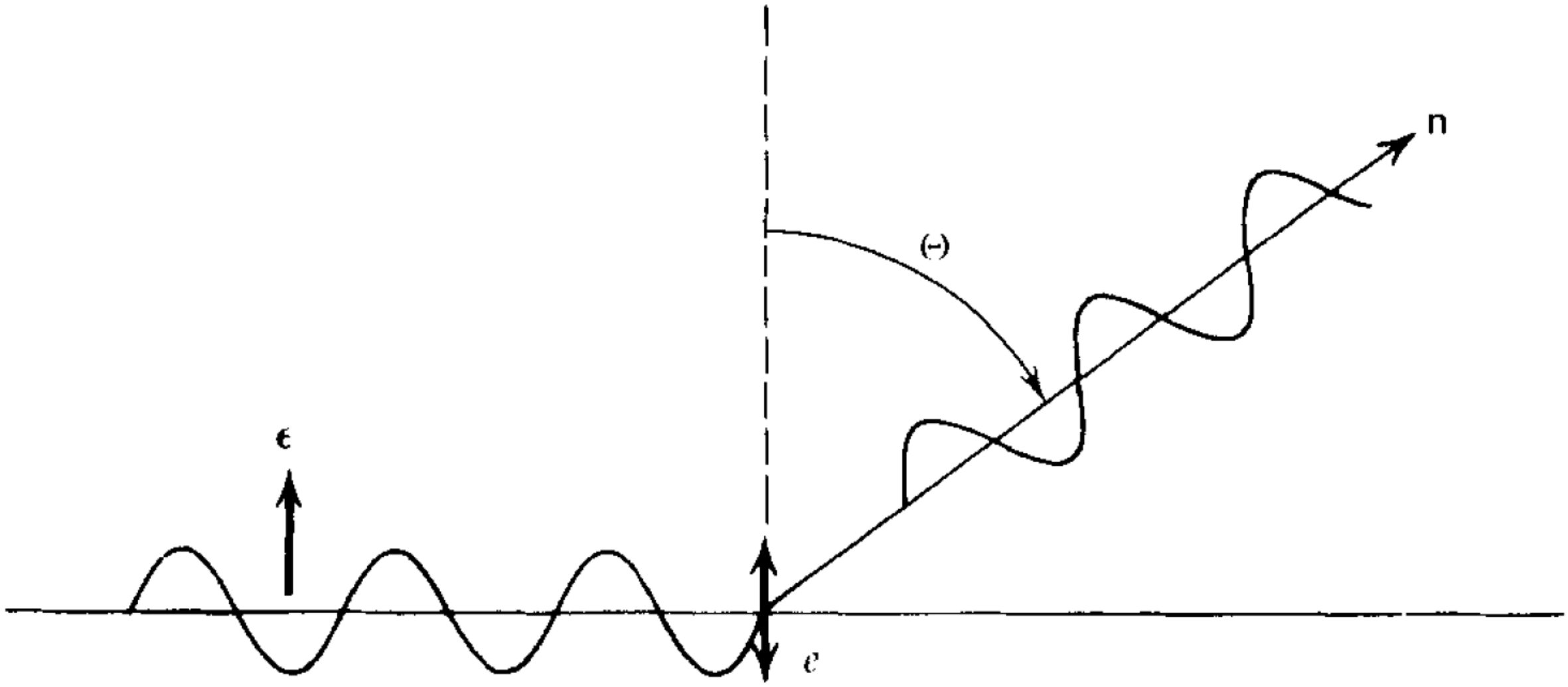

Figure 3.6 Scattering of polarized radiation by a charged particle.

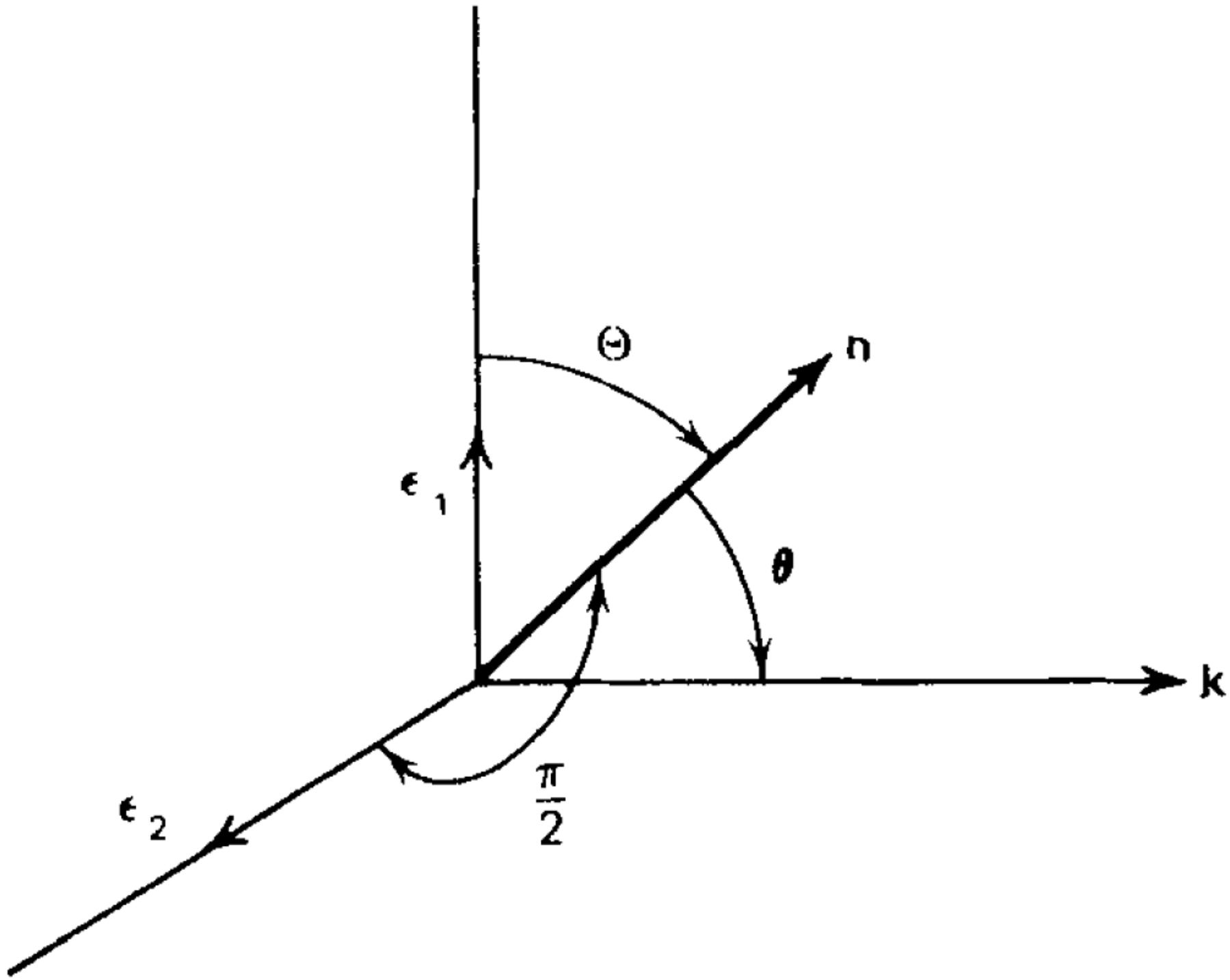

Figure 3.7 Geometry for scattering unpolarized radiation.