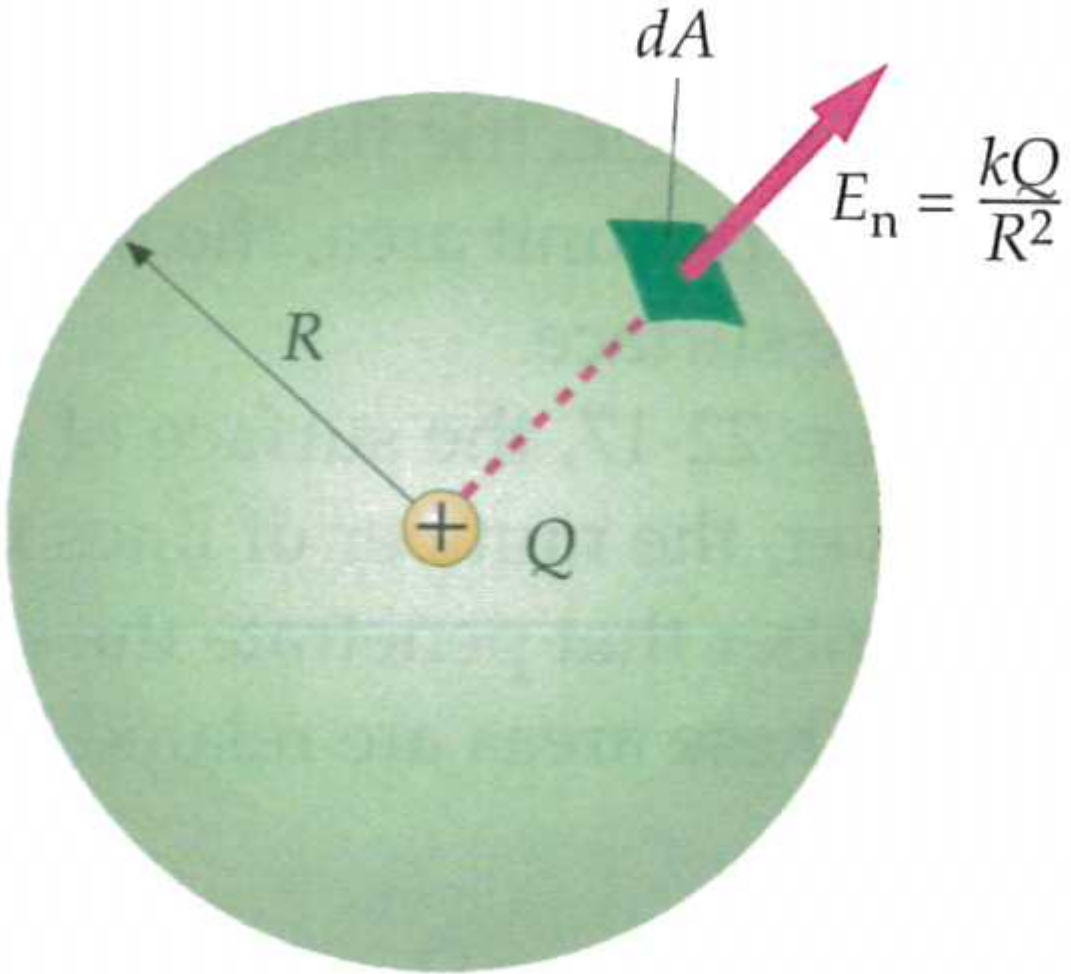
dA
$E_n = \frac{kQ}{R^2}$
R
Q