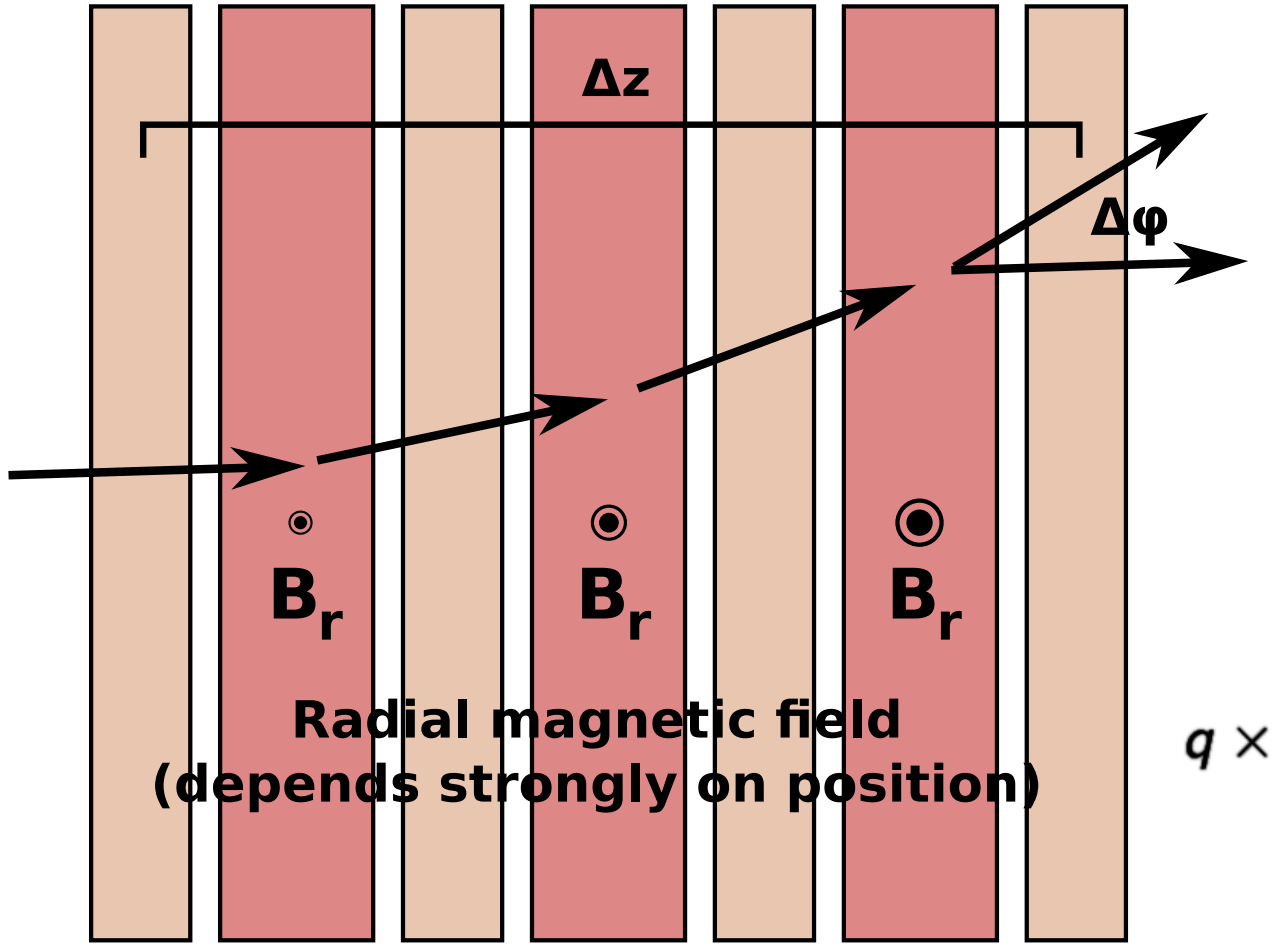

track changes entrance angle (φy, a.k.a. dx/dz)

(ignore changes in position which are influenced by x, y, φz alignment)

$$q \times p_z = \frac{B_r}{330\ \text{cm T/GeV}} \frac{\Delta z}{\Delta \phi}$$