



(a) Neodymium Disk Magnet

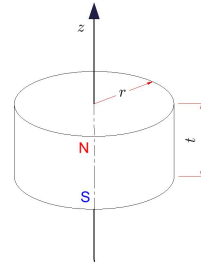
(b)  $B$  Field Calculation

Figure 4.4: Disk Magnet

(Addapted from Supermagnete)

$$B = \frac{B_r}{2} \left( \frac{t + z}{\sqrt{r^2 + t + z^2}} - \frac{z}{r^2 + z^2} \right) \quad (4.1)$$