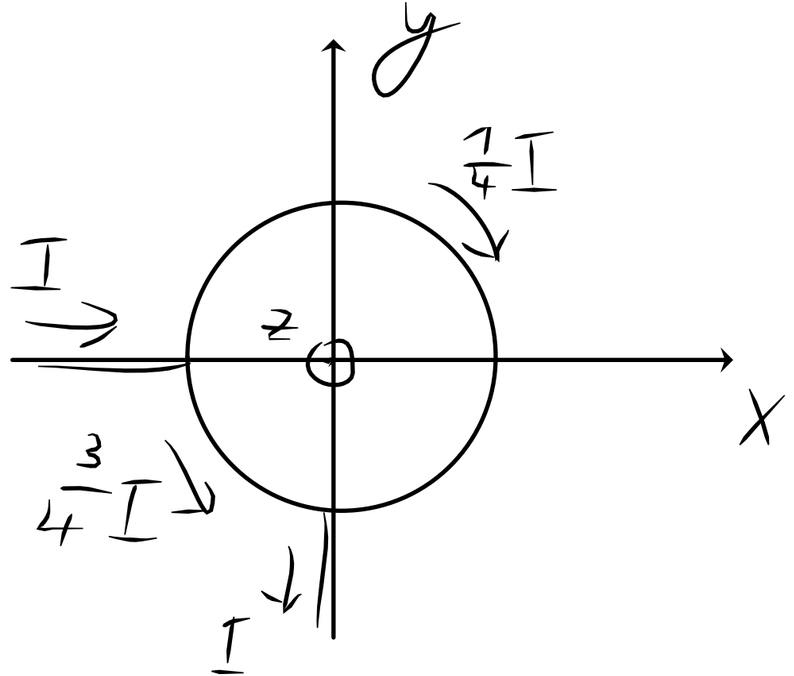
Tak jak w 9.2 dla $z_R = 0$



$$\bar{B} = \frac{\mu_0 \frac{1}{4} I}{4\pi R} \int_{-\frac{\pi}{2}}^{\pi} \hat{e}_z d\varphi - \frac{\mu_0 \frac{3}{4} I}{4\pi R} \int_{\pi}^{\frac{3\pi}{2}} \hat{e}_z d\varphi = \frac{\mu_0 I}{4\pi R} \left(\frac{1}{4} \cdot \frac{3\pi}{2} - \frac{3\pi}{4 \cdot 4} \right) \hat{e}_z = 0\,\hat{e}_z$$