

Campo magnetico

$$r_1 = 20 \text{ cm}$$

$$r_2 = 20 \text{ cm}$$

Para $a = 1.0 \text{ cm}$

$$I = 0,50 \text{ A} \rightarrow \begin{aligned} &\cancel{B = 0,42 \text{ mT}}, z = 0 \text{ cm} \\ &\cancel{B = 0,39 \text{ mT}}, z = 2 \text{ cm} \\ &\cancel{B = 0,38 \text{ mT}}, z = 4 \text{ cm} \end{aligned}$$

$B(\text{mT})$

$$\begin{aligned} B &= 0,42 \text{ mT}, z = 0 \text{ cm} \\ B &= 0,41 \text{ mT}, z = -2 \text{ cm} \\ B &= 0,39 \text{ mT}, z = -4 \text{ cm} \\ B &= 0,38 \text{ mT}, z = -6 \text{ cm} \\ B &= 0,35 \text{ mT}, z = -8 \text{ cm} \\ B &= 0,32 \text{ mT}, z = -10 \text{ cm} \\ B &= 0,29 \text{ mT}, z = -12 \text{ cm} \\ B &= 0,25 \text{ mT}, z = -14 \text{ cm} \\ B &= 0,21 \text{ mT}, z = -16 \text{ cm} \\ B &= 0,18 \text{ mT}, z = -18 \text{ cm} \\ B &= 0,15 \text{ mT}, z = -20 \text{ cm} \\ B &= 0,14 \text{ mT}, z = -22 \text{ cm} \\ B &= 0,12 \text{ mT}, z = -24 \text{ cm} \end{aligned}$$

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$$\begin{aligned} B &= 0,43 \text{ mT}, z = 0 \text{ cm} \\ B &= 0,42 \text{ mT}, z = 2 \text{ cm} \\ B &= 0,41 \text{ mT}, z = 4 \text{ cm} \\ B &= 0,39 \text{ mT}, z = 6 \text{ cm} \\ B &= 0,35 \text{ mT}, z = 8 \text{ cm} \\ B &= 0,31 \text{ mT}, z = 10 \text{ cm} \\ B &= 0,27 \text{ mT}, z = 12 \text{ cm} \\ B &= 0,26 \text{ mT}, z = 14 \text{ cm} \\ B &= 0,23 \text{ mT}, z = 16 \text{ cm} \\ B &= 0,19 \text{ mT}, z = 18 \text{ cm} \\ B &= 0,16 \text{ mT}, z = 20 \text{ cm} \\ B &= 0,14 \text{ mT}, z = 22 \text{ cm} \\ B &= 0,12 \text{ mT}, z = 24 \text{ cm} \end{aligned}$$