вг. Манитное поле прамого проводника с токан dB = Moldlsind To A Ungyrigus namumnoro nous δ (0) A $B = \{dB = \{M_0 \mid S \mid S \mid dl \mid dl\}$ $B = \int dB = \int \frac{M_0 I \sin d dl}{4 \sqrt{L} r^2}$ $r = \frac{r_0}{sind}$ $dl = \frac{rdd}{sin^2d}$ $B = \int \frac{M_0 I r_0 dd sind sind}{4 \sqrt{2}} = \frac{M_0 I}{4 \sqrt{2} r_0} \int \frac{dz}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2} r_0} \cdot \left(-\cos dz\right) \Big|_{dz}^{dz} = \frac{M_0 I}{4 \sqrt{2$ = 401 (cosd, - cosd,) B= Mo [(cosd, - cosd2) } Уастной случай. Весконенно длиный проводник. $cosd_1 = 1$ d, = 0 d2 = T cosd2 = -1 B= Mo I (1-(-1)) = Mo I 4 Tro B=MoI 2VIro