3. Dano: 4=45°, R | B-& yenmpe MOZHUMHOR NONE US OMNESO AB! $B = \int_{21}^{22} \frac{M_0 Z}{47 M^2} \frac{\sqrt{2}R}{(\frac{\sqrt{2}R}{25in} 2)^2 Sh^2 L} = \frac{M_0 Z}{47} \int_{21}^{22} \frac{\sqrt{2}Sind}{R} dA$ = 12 MIOT COSX/21 = + MMoI U3 941U \overrightarrow{ABAB} : $B_2 = \int \frac{\mu \mu_0 I}{4\pi} \cdot \frac{dI}{R^2} = \frac{\mu \mu_0 I}{4RR^3} \cdot \frac{3}{2} RR = \frac{3 \mu \mu_0 I}{8 \mathbb{E} R}$ B-B, +B2 = 3+25 Moz WoZ + 3MOZ + 3MOZ - 8R 4. Dano: r=ro(HP) | B-80?

(B= Mb. Idf = Mhol (ro(HP))2

= Mhol dP

4x ro(HP) = MNOL /n(1+ 4/9)/2 = 11/2 (h(1+10)-h1) = MMoI /1/2x+1/