



• 
$$\phi_1 = \frac{1}{4\pi y_1} \left[ \frac{I}{R} + \frac{I_1}{\mu_1} \right]$$
,  $R = \sqrt{x^2 + y^2 + (z - k)^2} = R_2$ ,  $R_1 = \sqrt{x^2 + y^2 + (z + k)^2}$ 

Idavira

Oplace's 
$$\sigma \cup \partial H = s$$
,  $\hat{H} \times (\vec{E}_1 - \vec{E}_2) = 0 \implies \hat{\Phi}_1(z=0) = \hat{\Phi}_2(z=0) = \frac{I+I_1}{\delta_1} = \frac{I_2}{\delta_2}$ 

$$\hat{H} \times (\vec{I}_1 - \vec{I}_2) = -\nabla \vec{k} = 0 \implies \hat{H} \times \hat{Z} \hat{E}_1 = \hat{H}_2 \times \hat{Z} \hat{E}_2 \implies \hat{H} \times \hat{D}_2 \implies \hat{H} \times$$

$$\Rightarrow I_1 = \underbrace{f_1 - f_2}_{\left(g_1 + g_2\right)} I_2 = \underbrace{g_2}_{\left(g_1 + g_2\right)} I$$

## reiwies (opaipiros rai npiogaipiros)





