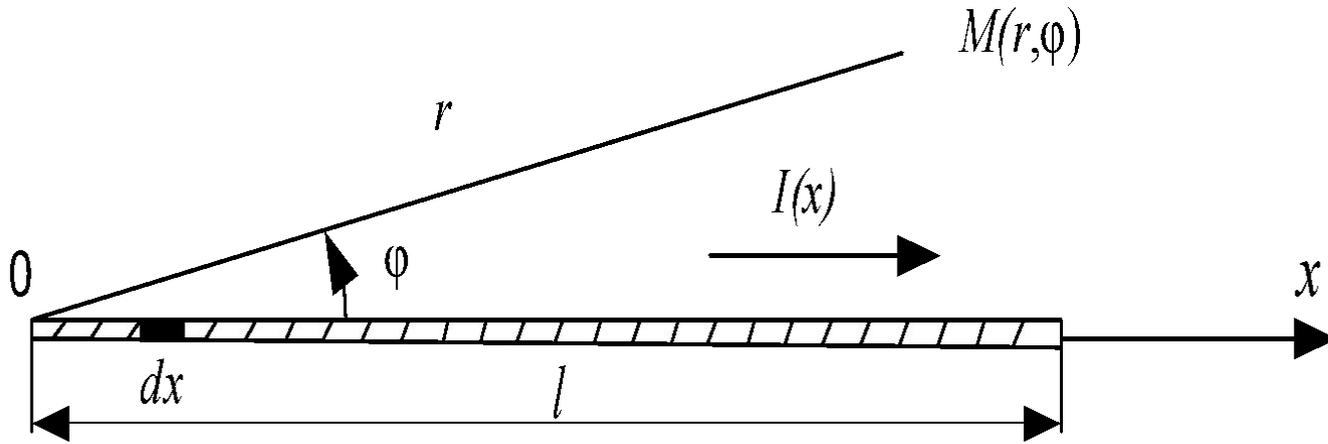


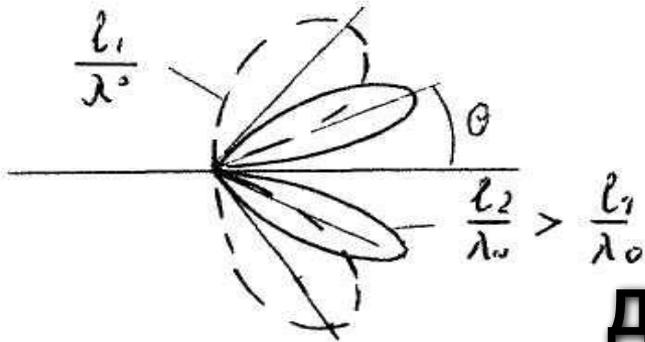


Излучение провода с бегущей волной тока



$$F(\varphi) = F_1(\varphi)F_c(\varphi) = \sin \varphi \frac{\sin[0,5kl(1 - \cos \varphi)]}{0,5kl(1 - \cos \varphi)},$$

$$F_1(\varphi) = \sin \varphi.$$



ДН типа конус:

$$\cos \varphi_{\text{ГЛ}}(\theta) = 1 - \frac{\lambda}{2l}.$$