
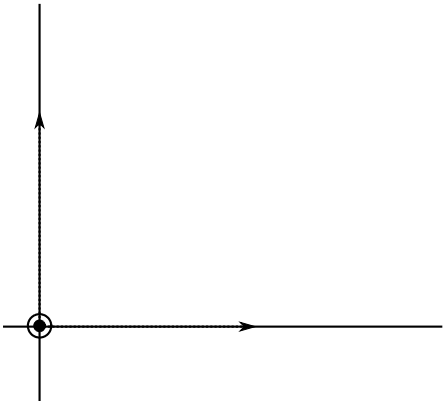
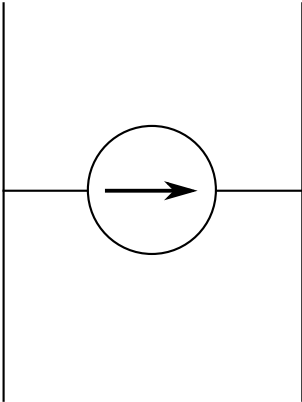
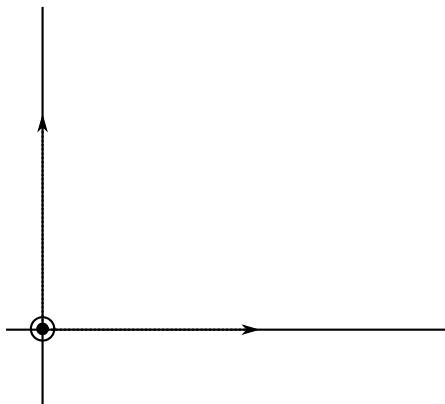
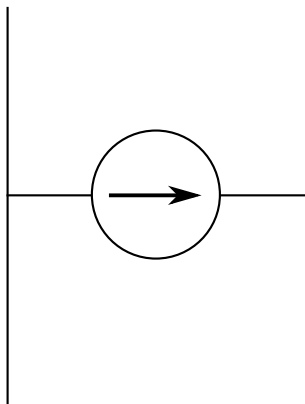


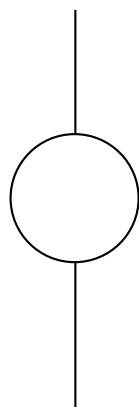
$$\tilde{\mathbf{J}}_x$$




$\uparrow \tilde{\mathbf{J}}_y$



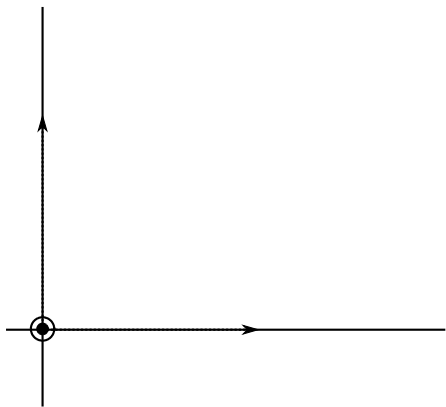
$\odot \tilde{\mathbf{J}}_z$

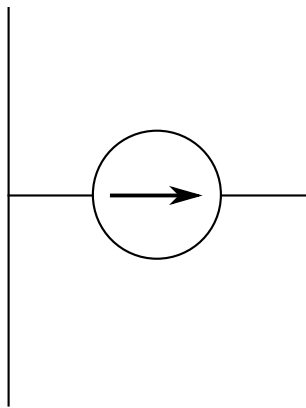
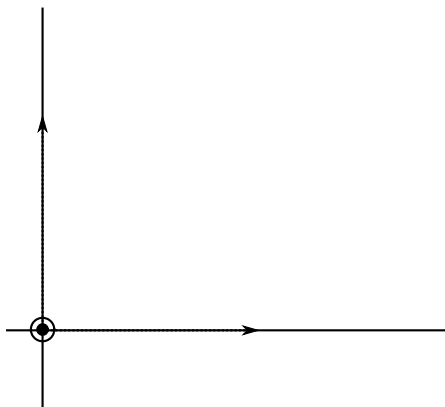


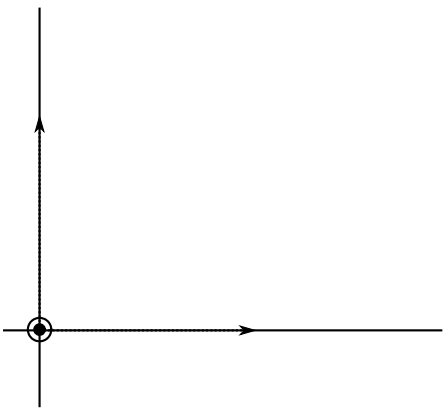
$$i^{TM} = \tilde{J}_x$$

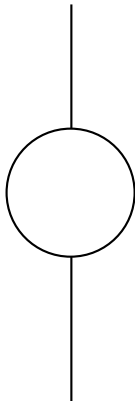
$$i^{TE} = \tilde{J}_y$$

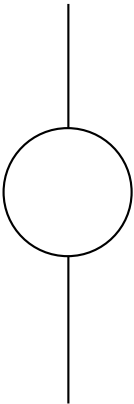
$$v^{TM} = \frac{k_\rho}{\omega \varepsilon} \tilde{J}_z$$











$$\xrightarrow{\tilde{\mathbf{M}}_x}$$

$$v^{TE} = \tilde{M}_x$$

$$\uparrow \tilde{\mathbf{M}}_y$$

$$v^{TM} = -\tilde{M}_y$$

$$\circ \tilde{\mathbf{M}}_z$$

$$i^{TE} = -\frac{k_\rho}{\omega\mu} \tilde{M}_z$$