

$$\bar{G}_{\lambda z}^{\omega} = \overline{g_{\lambda}^{\omega\pm}}^T \cdot \overline{e^{ik_z^{\omega\pm}(z-z_0)}} \cdot \overline{g_{\perp}^{\omega\pm}}^{-T} \cdot \bar{G}_{\perp z_0}^{\omega}$$

$$\bar{G}_{\lambda z}^{\omega}$$

=

$$\overline{g_{\lambda}^{\omega\pm}}^T$$

×

$$\overline{e^{ik_z^{\omega\pm}(z-z_0)}}$$

×

$$\overline{g_{\perp}^{\omega\pm}}^{-T}$$

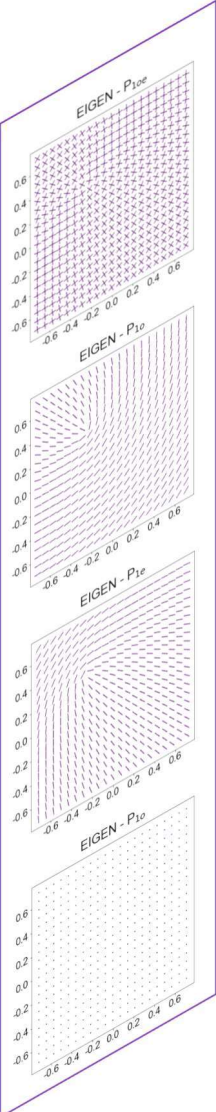
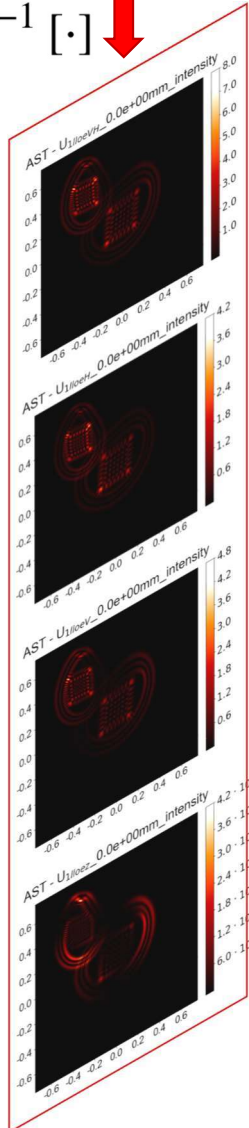
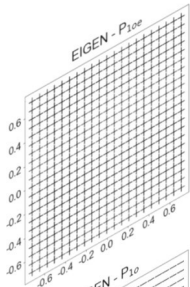
×

$$\bar{G}_{\perp z_0}^{\omega}$$

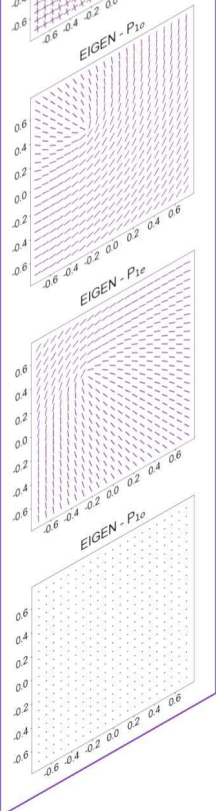
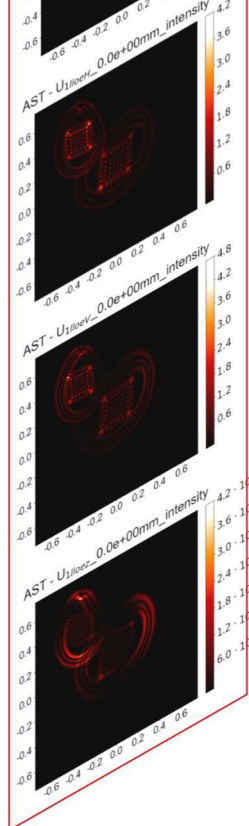
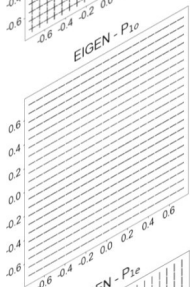
Components

$\mathcal{F}^{-1}[\cdot]$

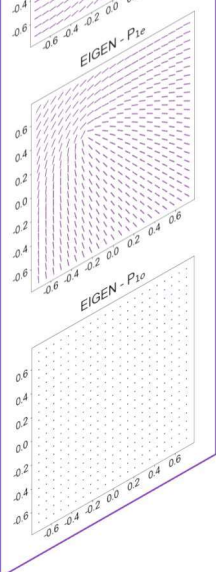
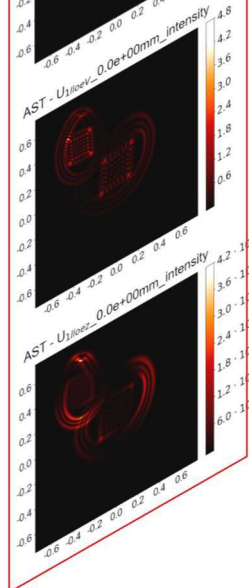
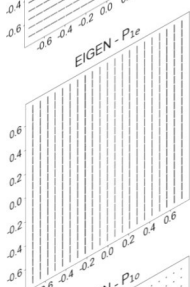
$E_{\perp} / xy / oe$



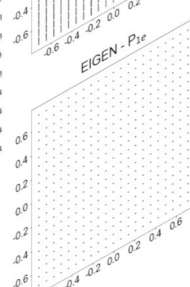
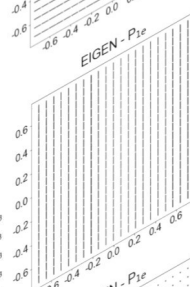
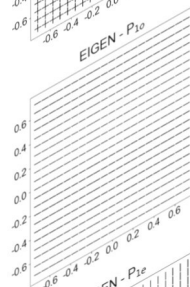
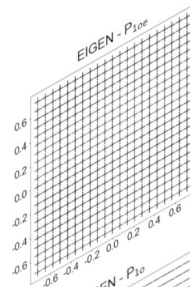
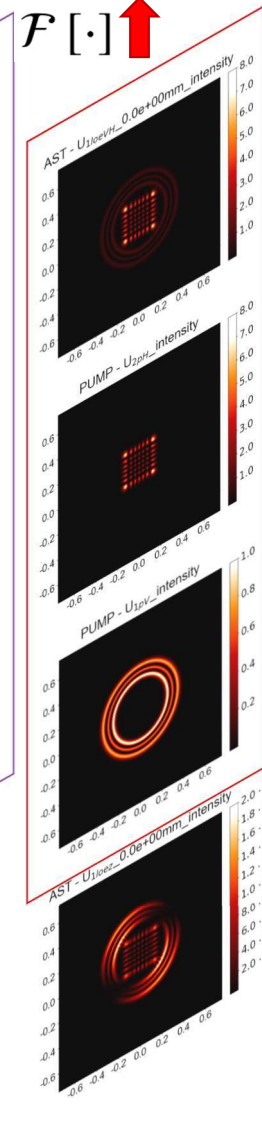
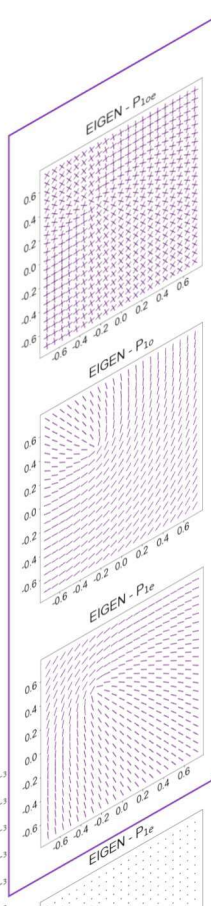
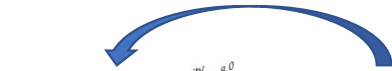
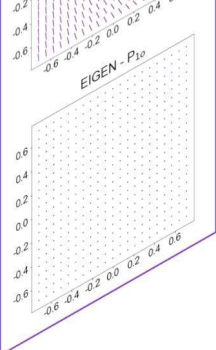
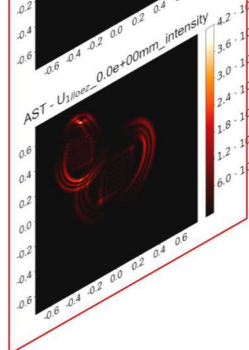
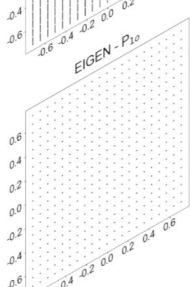
$E_{x/o}$



$E_{y/e}$



E_z



$\mathcal{F}[\cdot]$

