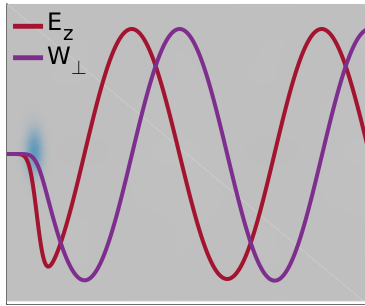
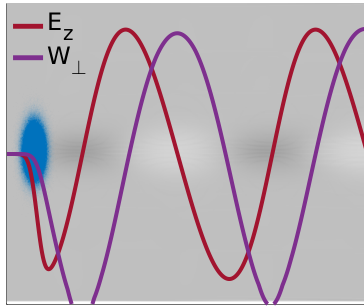


Linear



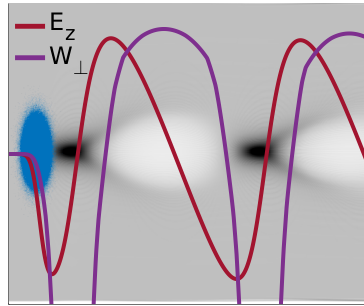
$$n_b/n_{pe} = 0.05$$

Quasi-Linear



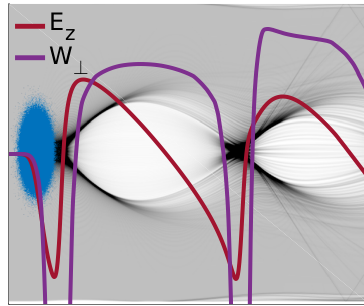
$$n_b/n_{pe} = 0.80$$

Non-Linear



$$n_b/n_{pe} = 3.00$$

Highly Non-Linear



$$n_b/n_{pe} = 8.00$$