

Centre for Metamaterial Research and Innovation

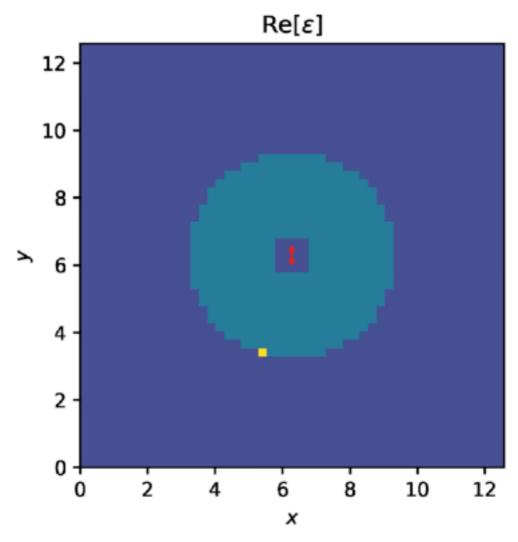
EPSRC Centre for Doctoral Training in Metamaterials

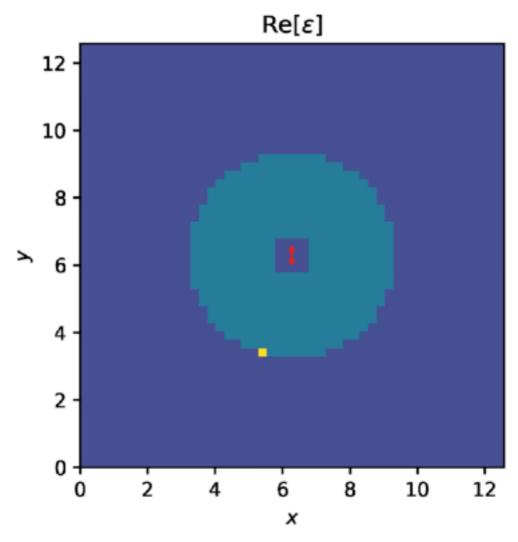


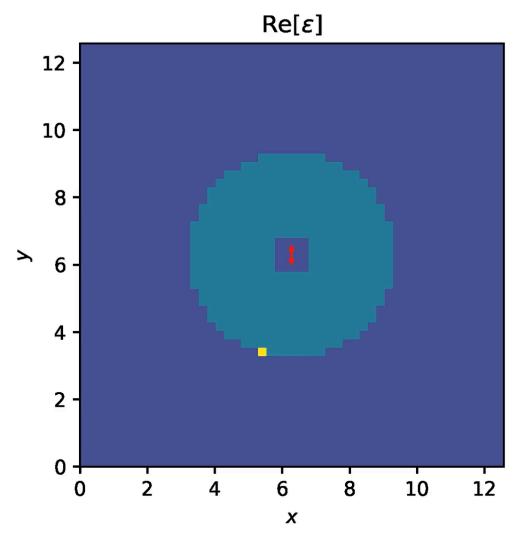
www.metamaterials.center

A Slow Way of Optimising

Emitter polarisation **p** Emitter location r'









Centre for Metamaterial Research and Innovation

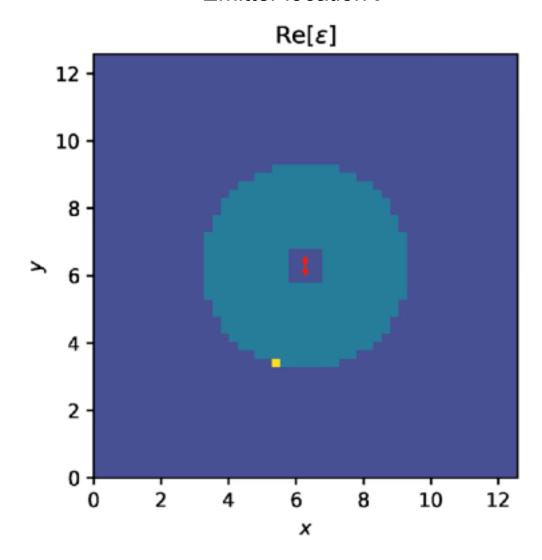
PSRC Centre for Acctoral Training Metamaterials



www.metamaterials.center

A Slow Way of Optimising

Emitter polarisation **p**Emitter location **r**'





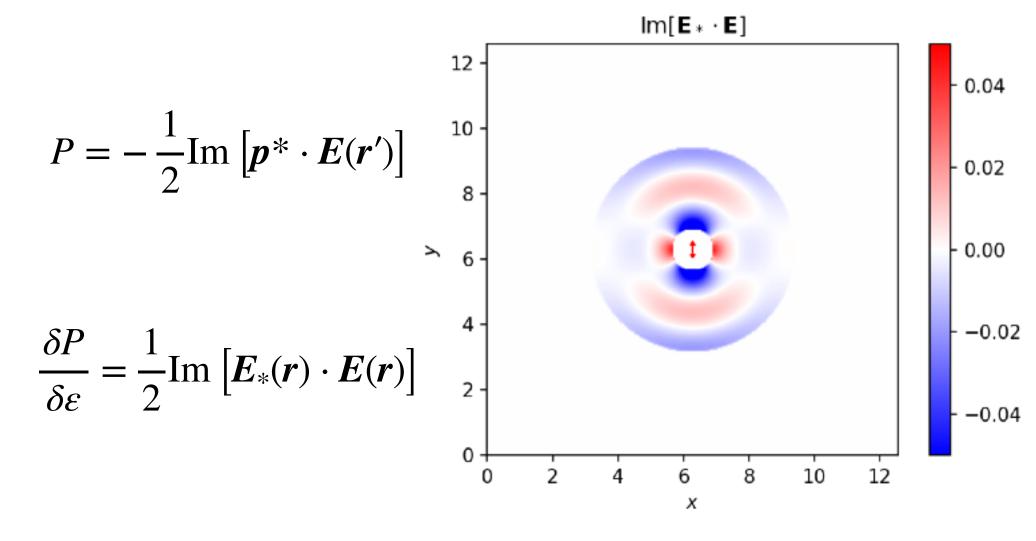
Centre for Metamaterial Research and Innovation

EPSRC Centre for Doctoral Training in Metamaterials



www.metamaterials.center

The Adjoint Method



- Sandro Mignuzzi, Stefano Vezzoli, Simon A. R. Horsley, William L. Barnes, Stefan A. Maier, and Riccardo Sapienza "Nanoscale Design of the Local Density of Optical States", Nano Lett. 19, 3, 1613–1617 (2019)
 - Owen Miller, "Photonic Design: From Fundamental Solar Cell Physics to Computational Inverse Design", PhD thesis (2012)