

Controlling light with light using coherent meta-devices: all-optical transistor, summator and inverter

Supplementary Information

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Dispersion of metamaterial S_{ij} parameters

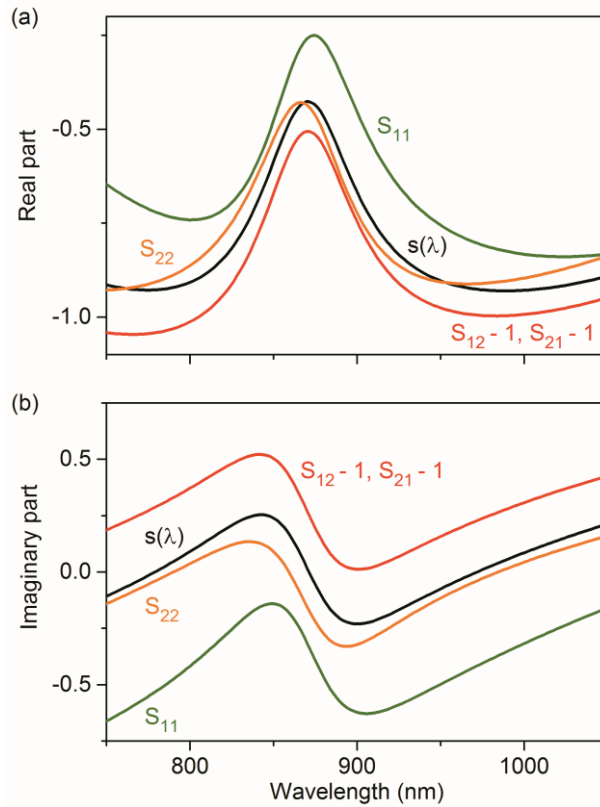


Figure S1: Spectral dispersion of the (a) real and (b) imaginary parts of the S_{ij} scattering coefficients (as labelled) for the metamaterial structure presented in Fig. 3, and of the corresponding $s(\lambda)$ scattering parameter evaluated according to Eq. (6).