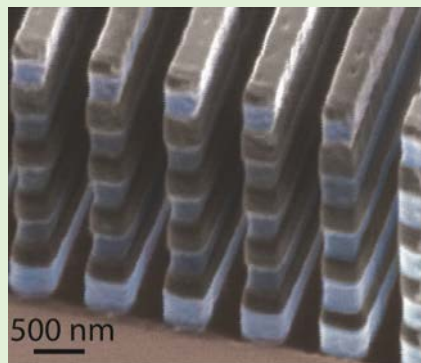


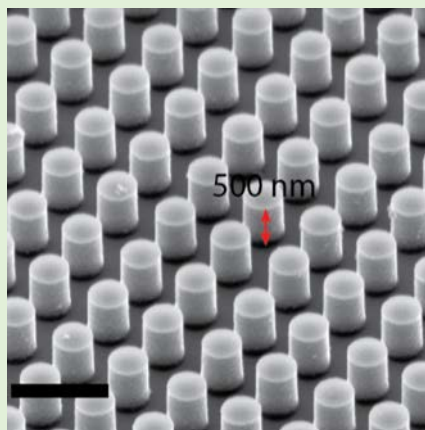


Novel Optical Properties

Zero Refractive Index

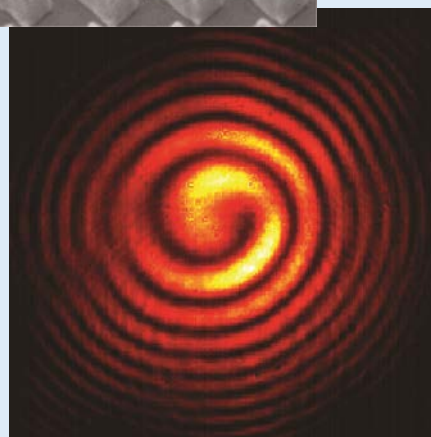
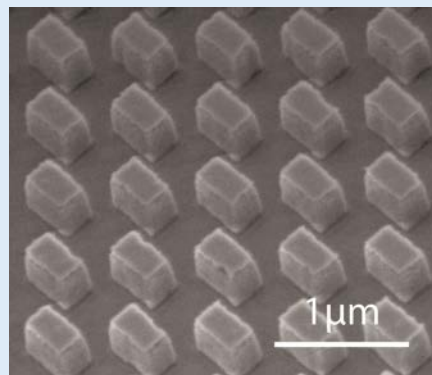


Perfect Reflectors



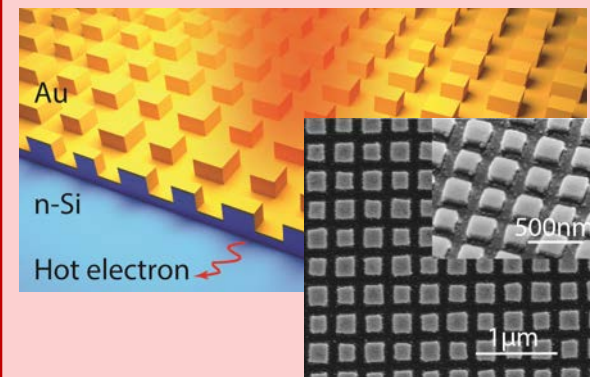
Ultra-thin Optical Elements with Complex Functionality

Highly Efficient Vortex Beam Generation



Novel Photodetector Architectures

Hot Electron Photodetectors (sub-band gap detection)



2D Material Photodetectors

