

Figure 1 is a line graph showing the transmission spectra of a periodic structure for various periods. The x-axis is labeled "Wavelength [nm]" and ranges from 1460 to 1580 nm. The y-axis represents Transmission, ranging from 0 to 1. The graph displays multiple curves for different periods: 10.0 nm, 20.0 nm, 30.0 nm, 40.0 nm, 50.0 nm, 60.0 nm, 70.0 nm, 80.0 nm, 90.0 nm, 100.0 nm, 110.0 nm, 120.0 nm, 130.0 nm, 140.0 nm, and 150.0 nm. The curves show a broad transmission band around 1550 nm and a sharp dip around 1500 nm. The dip depth increases with the period.

