

Figure 10 displays the transmission spectra of a periodic structure with varying periods. The x-axis represents Wavelength (nm) from 1240 to 1380, and the y-axis represents Transmission (0 to 1). The legend indicates the periods for each curve:

- Period = 273.0 nm (Blue)
- Period = 274.0 nm (Orange)
- Period = 275.0 nm (Green)
- Period = 276.0 nm (Red)
- Period = 277.0 nm (Purple)
- Period = 278.0 nm (Brown)
- Period = 279.0 nm (Pink)
- Period = 281.0 nm (Grey)
- Period = 282.0 nm (Olive)
- Period = 283.0 nm (Cyan)

The spectra show a broad transmission peak around 1250 nm and a sharp transmission dip around 1290 nm. The dip shifts to longer wavelengths as the period increases, as indicated by the shaded region.

