

What does an additional linear spectral phase term  $\exp(i\omega\tau)$  correspond to in the time domain?

**A temporal shift by  $\tau$ .**

The FWHM energy bandwidth of a 1 fs short FWHM (transform limited) Gaussian pulse is about

2 eV

10 eV

100 meV

**2 eV is the correct answer.**

The coherent superposition of two electronic states spaced by 20 eV results in a wavepacket with a period of

**207 as (attoseconds).**