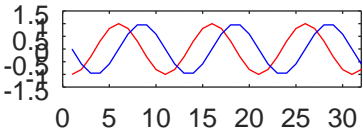


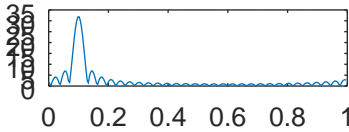
$$x(t) = R \cdot \exp(j \cdot \theta) \cdot \exp(j \cdot \omega \cdot t)$$

$$x(t) = R \cdot \exp(j \cdot \theta) \cdot \exp(j \cdot \omega \cdot t) \cdot \exp(j \cdot \frac{\pi}{2})$$

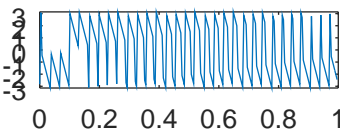
$$x(t) = R \cdot \exp(j \cdot \theta) \cdot \exp(j \cdot \omega \cdot t) \cdot \exp(j \cdot \frac{\pi}{4})$$



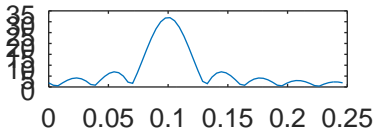
Spectrum - Initial



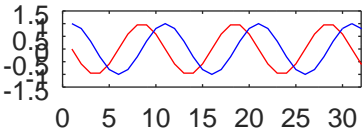
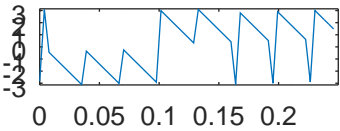
Phase - Initial



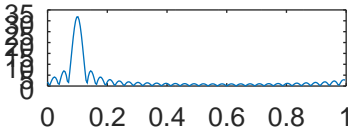
Zoom Spectrum - Initial



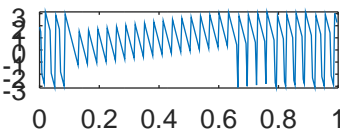
Zoom Phase - Initial



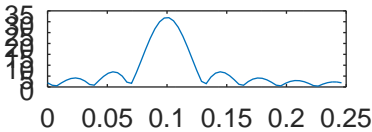
Spectrum - no change



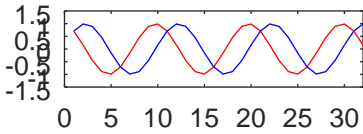
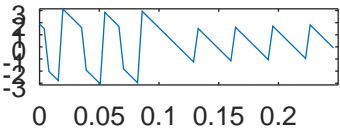
Phase - shifted



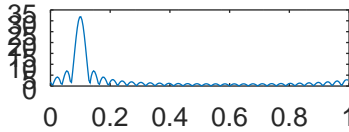
Zoom Spectrum - no change



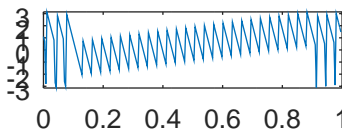
Zoom Phase - shifted



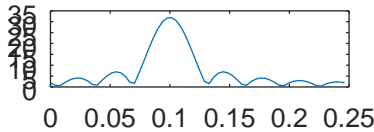
Spectrum - no change



Phase - shifted again



Zoom Spectrum - no change



Zoom Phase - shifted again

