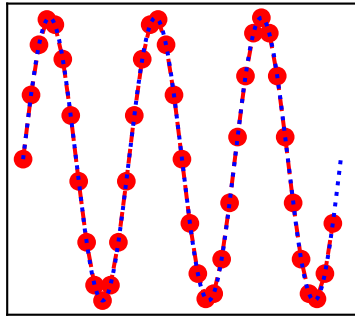
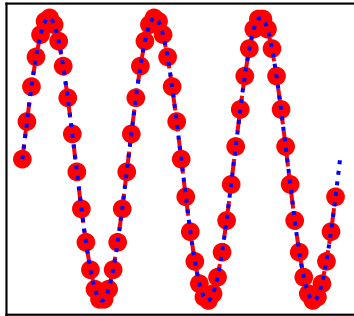


Original



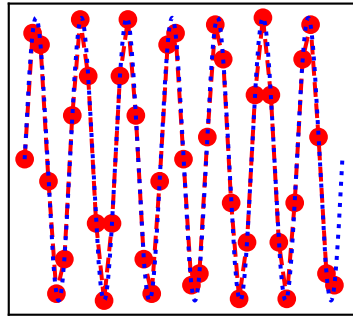
Signal Freq.=3  
Sample Freq.=40

Interpolate



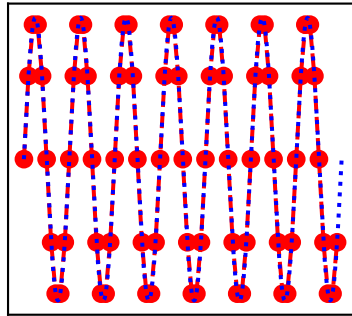
Signal Freq.=3  
Sample Freq.=70

Extrapolate



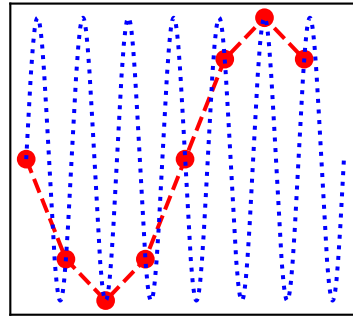
Signal Freq.=7  
Sample Freq.=40

Super-Resolution



Signal Freq.=7  
Sample Freq.=70

Alias



Signal Freq.=7  
Sample Freq.=8

-●- Sampling Rate      ..... True signal