EXERCISE 8.15: Use MATLAB to generate the signal in the third time interval of (8.54)

$x[m] = 3\cos(0.6\pi m) + \cos(0.7\pi m) \quad 7000 \le m < 10,000$

Then using a Hann window, compute the spectrogram slice at $n_s = 8000$. Use window lengths of L = 91 and L = 31 and compute the DFTs to produce plots like Fig. 8-23. Determine whether or not the two sinusoidal components are "resolved."

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