ET 438b Spectrum Analysis of Undersampling

A 200 Hz sinusoidal signal is sampled at a rate of 150 samples/second.

- a.) Sketch the frequency spectrum of the signals generated by this sampling process.
- b.) Show the range of frequencies that can be reconstructed without aliasing on the sketch.
- c.) What signal, if any, will be reconstructed from this sampling

Spring 2001 specan.wp5