

EE 301 (MWF 2:30-3:20 Section)  
Spring 2013  
Problem Set 10  
Due April 19, 2013

“O&W” is Oppenheim and Willsky, Edition 2. Please read Sections 7.0 – 7.4 for this homework. We won’t lecture on Section 7.5 though we have already touched upon it in class when we talked about decimation and interpolation.

1. Recovery from impulse train sampling: O&W 7.21.
2. Bandpass sampling: O&W 7.27.
3. Continuous-time filtering via discrete-time processes: O&W 7.29.
4. Ditto above: O&W 7.31.
5. Sampling oscilloscope: O&W 7.38.

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