

EE 301 (MWF 2:30-3:20 Section)
Spring 2013
Problem Set 6
Due March 8, 2013

“O&W” is Oppenheim and Willsky, Edition 2. Next topic is Sections 8.0 – 8.5 of O&W.

1. Fourier transforms and differential equations: O&W 4.34.
2. A communications related design problem: O&W 4.42.
3. Frequency response and impulse response: O&W 4.44.
4. Inverse systems by frequency domain methods: O&W 4.51.
5. AM demodulation with loss of frequency synchronization: O&W 8.23.

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