**EE 229 Signals and Systems**

**Week 3 Summary**:

1. Even and odd signals; even and odd components of a signal
2. C-T and D-T LTI systems
3. Signal representation in terms of impulse function
4. Impulse response characterization of D-T and C-T LTI systems
5. Convolution sum, convolution integral

**Homework exercises** (all problems from the textbook):

2.6, 2.11, 2.21 (d), 2.22 (a,c), 2.23

Textbook: Alan V. Oppenheim and Alan S. Willsky with S.H. Nawab, Signals and Systems, Second Edition, PHI (Indian reprint: 2014)