

H O M E W O R K No. 6 & 7

Due Thu. Oct. 27, 2011

1. Problem 2.17, Solution of first-order differential equation.
2. Problem 2.18, Impulse response of first-order difference equation.
3. Problem 2.32, Solution of first-order difference equation.
4. Problem 2.61 (a), (b), (c). Do part (i) for 2.61(a), (b) and parts (i), (ii) for 2.61(c).
5. Problem 3.1 Periodic signal from Fourier series coefficients.
6. Problem 3.3 Fourier series of sum of 2 signals.
7. Problem 3.4 Fourier series of periodic square wave.
8. Problem 3.5 Fourier series properties.
9. Problem 3.7 Fourier series properties.