

EE322 Fall 12 Homework Problem Set 11 (PS11)

1. Find the fundamental period and fundamental frequency for
$$g[n] = 3\cos(2\pi n / 3) - \sin(2\pi 2n / 7).$$
2. Text, Problem 3-15a.
3. Text, Problem 3-33a.
4. Text, Problem 3-34e. You do not need to plot this, just find the fundamental period.
5. Text, Problem 3-35d. Note: this is a geometric series. See Appendix A for a useful formula.
6. Text, Problem 3-36e.