

Homework 9

Due: Monday, November 6, 2006, in class

Reading: cf. <http://www.nd.edu/~mhaenggi/ee344/overview.html>

In particular, read Appendix A (pp.909-916) on the partial fraction expansion.

Problems from textbook: 4.25d,e,f; 4.26a(i); 4.28b(i-iv,vii); 4.38; 4.51a,b,e; 5.1; 5.2; 5.3; 5.21a,b,c.

Note: For 4.28b, $y(t) = x(t)p(t)$, where $X(j\omega)$ is given in the figure.

Problems from exercise book: 4.4a-f; 4.5a-f (review 2.3 if necessary for the **impulse** function).

Note: These problems from the exercise book have some analytical components. Please solve them on paper and hand them in with your textbook problems.