

## Homework #5

Due F. 3/25

(OW = Oppenheim, Willsky, and Nawab, “Signals and Systems”).

Note: The **Basic Problems with Answers** will be worth half as much as the other questions. You must show all your work to receive credit.

1. (OW 9.7) **Basic Problem**
2. (OW 9.9) **Basic Problem**
3. (OW 9.21 (a),(b),(c),(d),(g))
4. (OW 9.22 (b),(c),(d),(f),(g))
5. (OW 9.26)
6. (OW 9.27)
7. (OW 9.28)

Also, give the algebraic form of  $H(s)$ .