Homework 7

1) **Noise power density and noise correlation**

   Solve problems 4.1 & 4.2 in the Johns/Martin text.

2) **Embedded amplifier system noise**

   Solve problems 4.7 & 4.10 in the Johns/Martin text (use the amplifier parameters given in 4.7 to solve 4.10).

3) **Filtered noise**

   Solve problems 4.13 & 4.15 in the Johns/Martin text.