

## Exercises: Wiener filters

*Stochastic signals and processes Lecture 7, 2011*

### Mourad

Do exercise 7.8

### Matlab Exercise

*A blood pressure signal is contaminated by white noise. (Variable name  $y$ ). The first 8 seconds of the recording is available in a Noise free version (Variable name  $s$ )*

- *Make a FIR filter for filtering of the whole signal.*
- *Select an appropriate filter order*

*<http://person.hst.aau.dk/sschmidt/ST/BP.mat>*