

## Home Assignment 7

The file sunspot.txt provides monthly data on the number of sunspots from 1749 to 2013. Columns of this file are Tab separated. The actual data form the third column of the file. I'm not sure why these data are non-integer, probably they are some averages.

Try denoising this series using

- the Wiener filter
- wavelet denoising with your favourite wavelet package.

In either case, you will need to truncate the series so its length is  $2^2$ .

Apart from that, try fitting a seasonal model to the original data.

Have fun,  
PFG