## **Home Assignment 5**

Visual inspection of the data provided in

 $\label{lem:http://th-www.if.uj.edu.pl/zfs/gora/timeseries21/data45.txt suggests that the series are interdependent.$ 

Verify this by calculating cross-correlations between the series. Plot the results.

Then fit a three-dimensional VAR(1) model to the data. Assess the covariance matrix of the noise,  $\Sigma$ .

Have fun, PFG