1. Click on Matlab 6.1; if this link is not directly available on the desktop, it can be found in the folder:
   Server(\ladiserver1)(S:)MatlabR12p1\MATLAB6.1
2. To begin to use the System Identification toolbox, type:
   \texttt{iddemo}
   and then select the demo number 1
   (at home, you can guess also the demo numbers 2 and 3)
3. Change the working directory to:
   \texttt{S:\SMID\ExpModel\ES2}
4. To begin to use the Set Membership Identification toolbox, type:
   \texttt{smid}
5. In the “ident” window, click on “Data” and then on “Import…”
6. In the “Import Data” window, click on “Open…”,
   then “Data file”,
   then “LjungData”,
   then click on “Import” and on “Close”
7. In the “ident” window, click on “Estimate ->”,
   then guess “Parametric models” using ARX, ARMAX, OE or State Space models of different orders
   (in the “ident” window, click on “Model output” for comparison)
8. In the “ident” window, click on “Estimate ->”,
   then click on “SM Identification”
9. In the “SMID: Prior Validation” window,
   click on “Optimal Model Set Computation”
10. In the “SMID: Optimal Model Set Computation” window,
    click on “Load a computed value set” and then choose “LjungVS”,
    then click on “Value set polar plot” and
    then click on “Value set frequency plot”
11. In the “SMID: Optimal Model Set Computation” window,
    click on “Reduced-order Model Set Computation”
12. In the “SMID: Reduced-order Model Set Computation” window,
    click on “Choose a model…” and use FIR or Reduced-order
    models of different orders
    (in the “ident” window, click on “Model set freq resp” for comparison)