Instrumentation and Information Processing   Homework No.2 for the first half part

You can obtain this instruction from http://fusion.k.u-tokyo.ac.jp/~ejiri/ejiri/report2019_2E.pdf

Dead line: June 14th, Send the report (in PDF) to ejiri@k.u-tokyo.ac.jp. Do not attach the program.

Find original data which have not yet analyzed, and choose and do one of the following tasks.

For the tasks (a)~(c), you should find real data, but for the task (d) you may make artificial data and analyze them.

(a): Calculate th cross correlation function of the chosen data, and discussion the resutls.

(b): Perform the SVD analysis of the chosen data, and discuss the resutls.

(c): Find the least square fit of the chosen data, and discuss the resutls.

(d): Perform the CT of the chosen data, and discuss the resutls.