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HA4) CUSUM and EWMA charts

1. Rework Exercise 9.4 (a) using the target value $\mu_1 = 900$ and the standard deviation $\sigma_1 = 20$, and the data in array `dt1` in the matlab file `dataHA4.m`.

2. Apply a Shewhart chart to the data in Problem 1. Interpret the results of both charts.

3. Is the value of σ used in Problem 1 reasonable?

Deadline for solutions to this assignment is Wednesday, November 30, 2011.

Parameters and data to the problems are published at the course web page

   http://www.math.chalmers.se/Stat/Grundutb/CTH/mve145/1112/

in the file `dataHA4.m`.