T. Kärkkäinen
Course: Application Programming in MATLAB Environment 2000

Exercises 13–14

Catching up the old ones ...
Building a SIMULINK-model.

Problem 1

I don't know but I've been told: There has been some difficulties in completing the previous exercises. Hence, you can continue the old problem(s) of your choice.

Problem 2

Construct a SIMULINK-model for computing and illustrating the sigmoidal function

$$s(t) = \frac{1}{1+\exp(-kt)} = s_1(s_2(s_3(t))), \quad t \in [-5,5],$$

where

$$s_1(t) = 1/(1+t); \quad s_2(t) = \exp(t); \quad s_3(t) = -k * t.$$