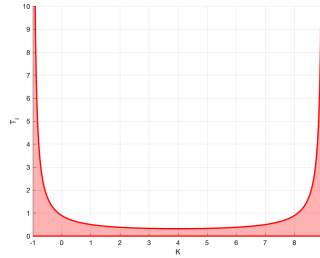1. Question 1

   (1.1) Blah Blah Figure 1

Figure 1: Simulink model of the open-loop step response

   (1.2) hfill

   (1.3) hfill

   For the on the edge response, it is hard to see but the response is slowly oscillating larger and larger (VERY SLOWLY). It is unstable, but only seen over a long period of time. This is because for our conditions, we calculated that the values must be > the drawn curved line. Picking values = to that line still causes instability.

2. Question 2

    (2.1) Write answer here