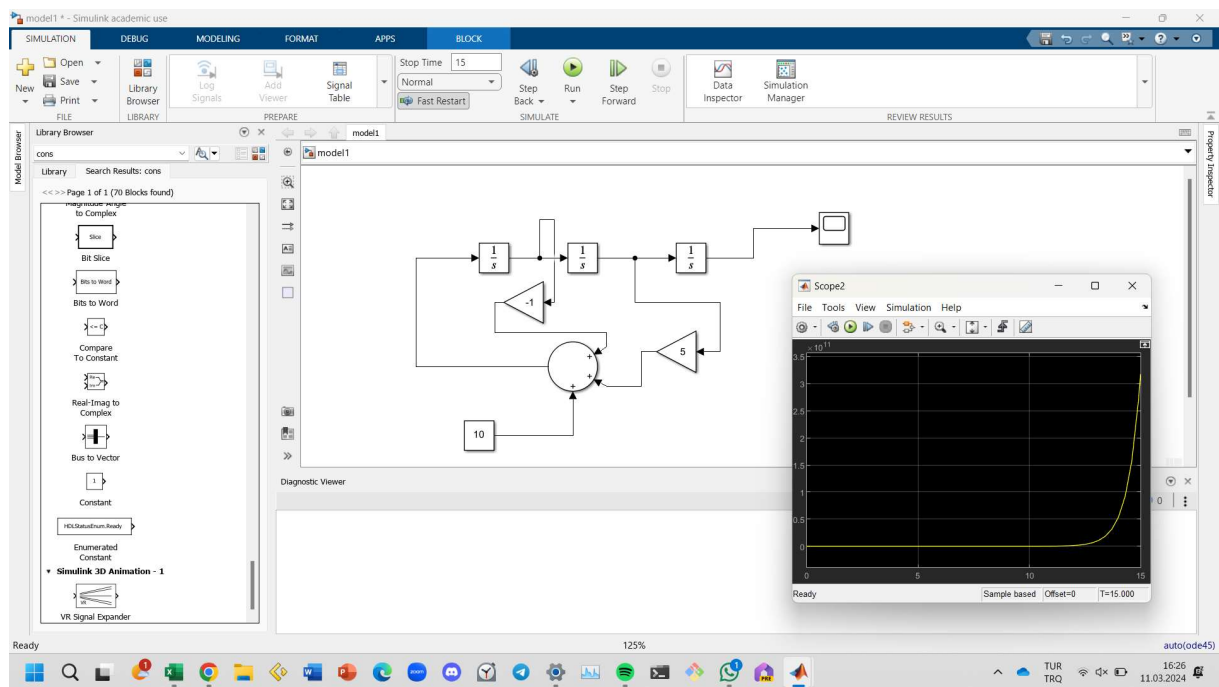


Aksel Cavak



Май MAI MAI
Понедельник LUNDI MONTAG MONDAY

21 HAFTA WEEK WOCHE SEMAINE НЕДЕЛЯ
Gündem

$$\ddot{x} - \dot{x} + 5x = f(t)$$

$$s^3 - s^2 + 5s = 0$$

$$s(s^2 - s + 5) = 0$$

$$\Delta = b^2 - 4ac = 1 - 20 = -19$$

$$s_{1,2} = \frac{-b \pm \sqrt{\Delta}}{2} = \frac{+1 \pm \sqrt{-19}}{2}$$

$$\ddot{x} = 10 + \ddot{x} - 5\dot{x}$$