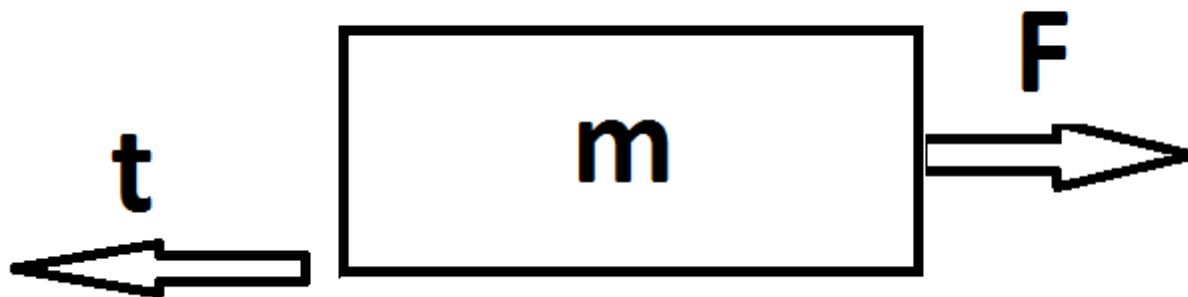


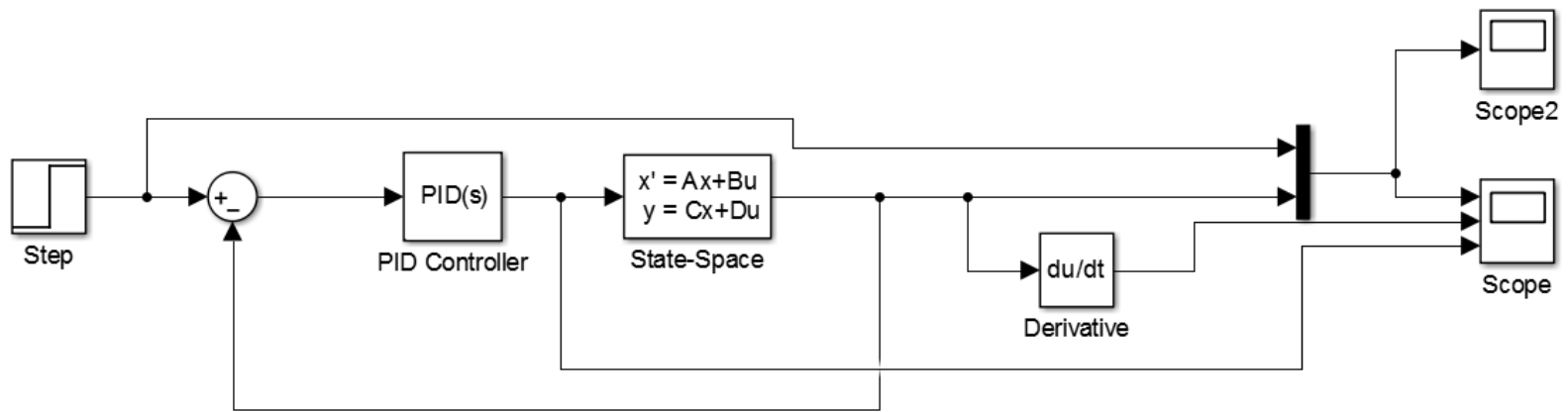
Regulator prędkości taśmociągu

Rafał Mazurek
Marcin Wiśniewski

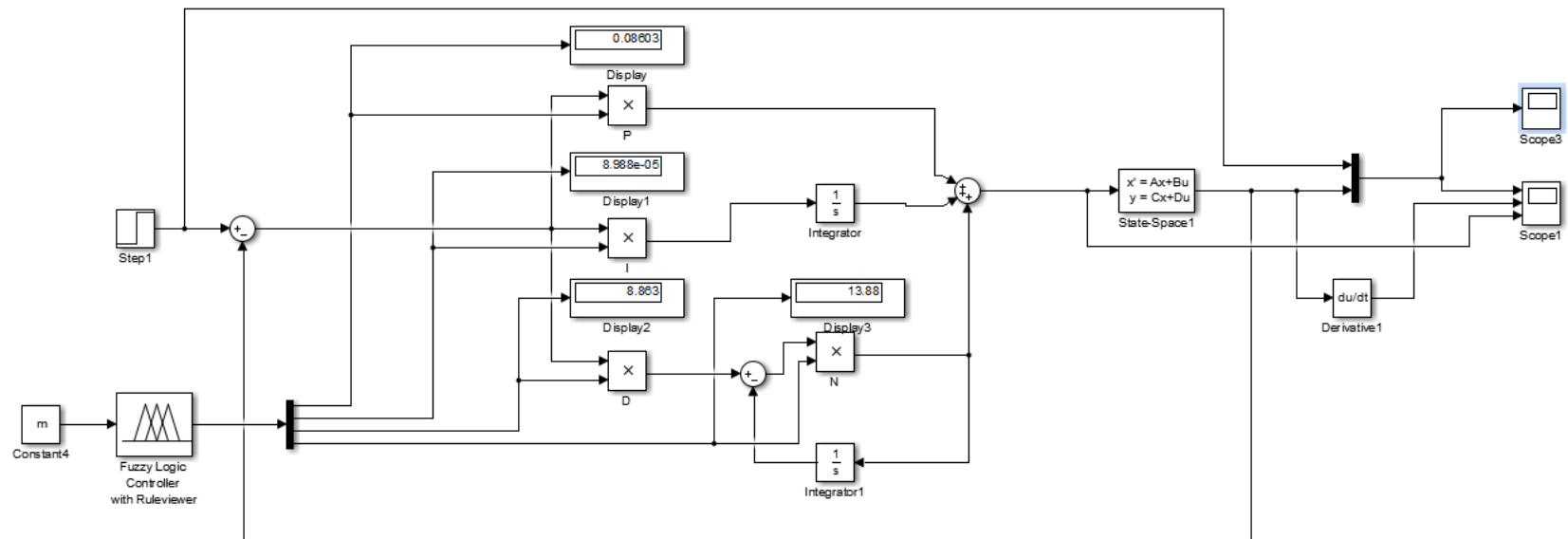
Obiekt



Układ regulacji



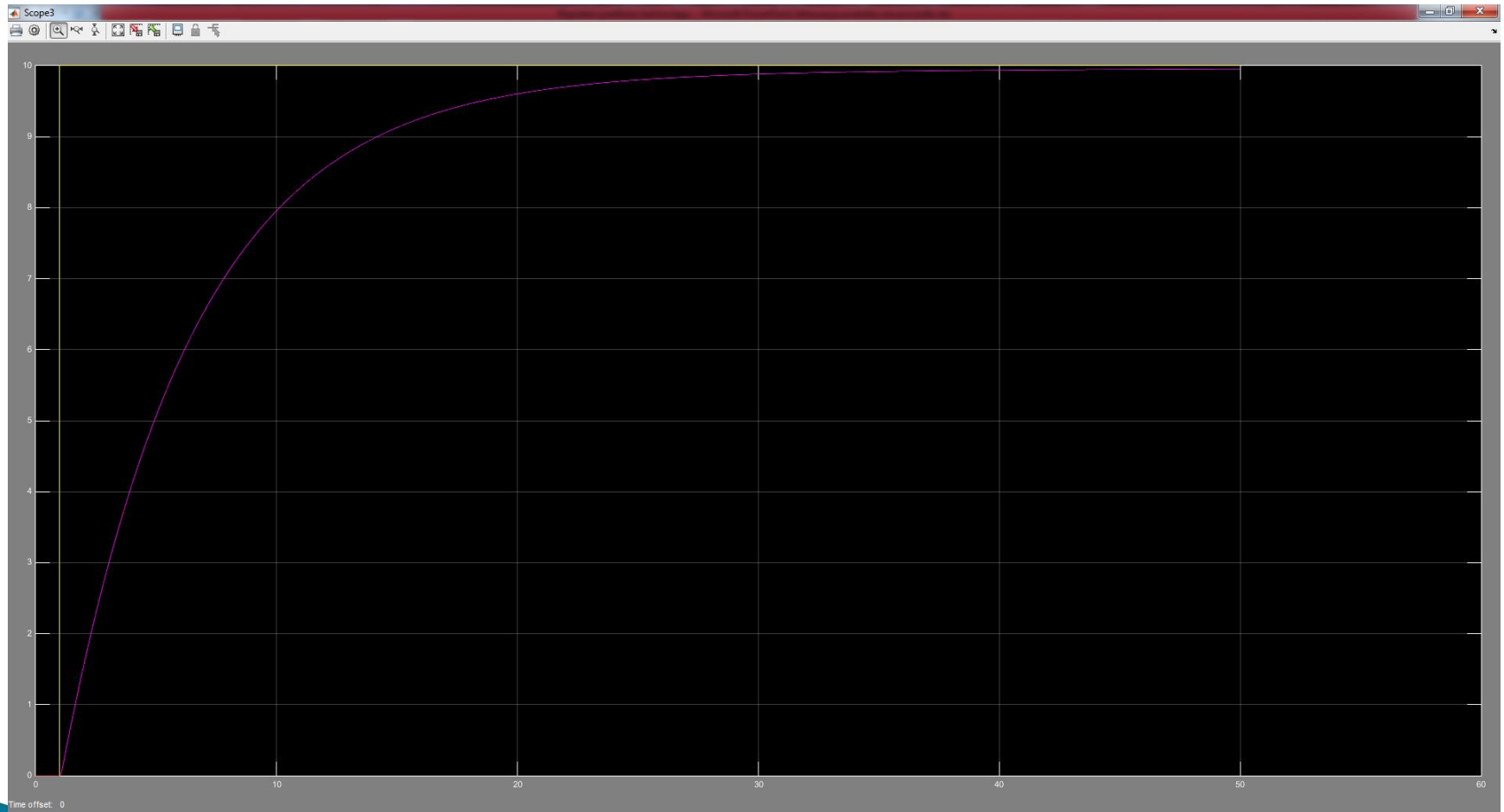
Układ regulacji



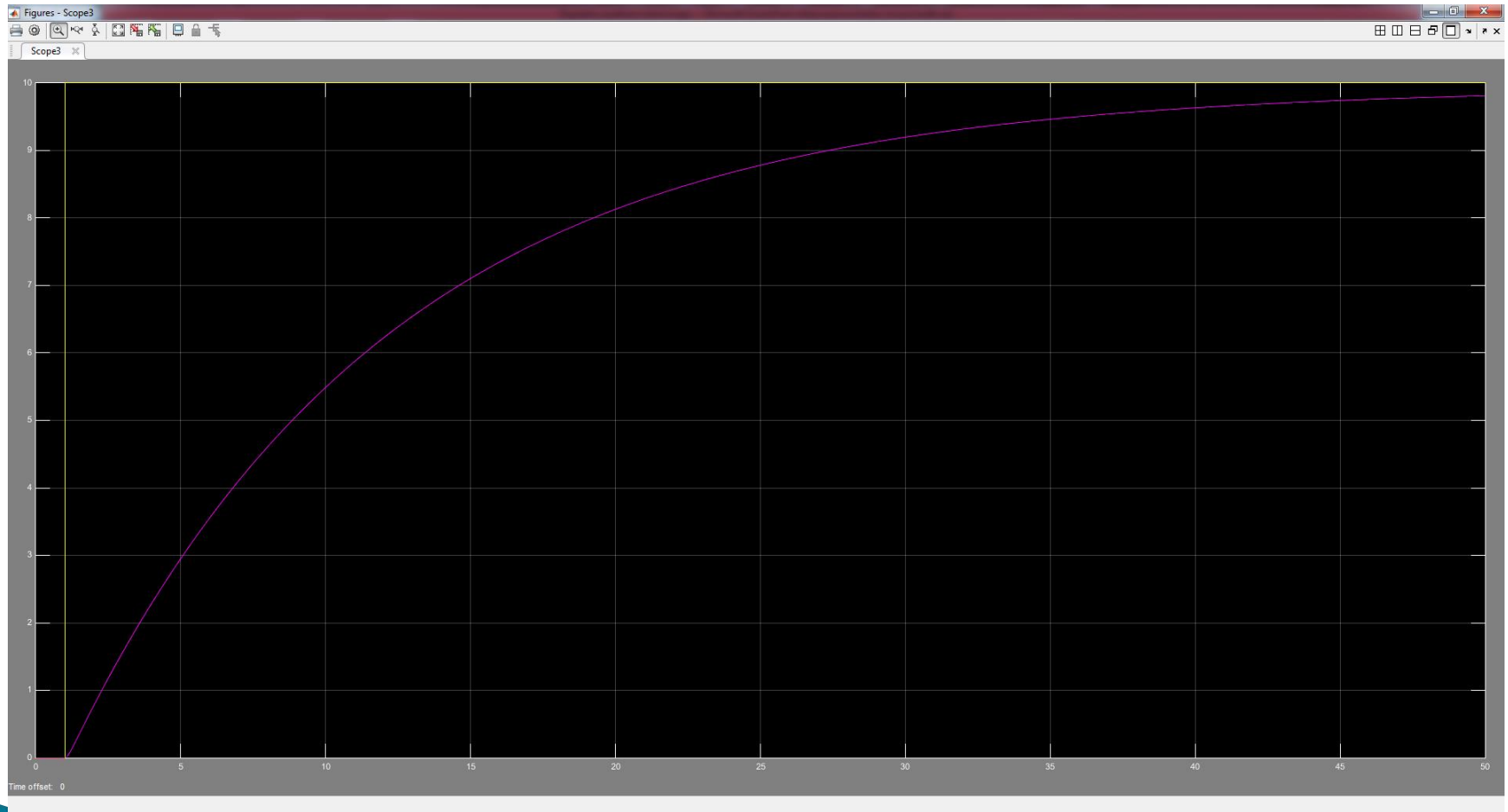
Strojenie regulatora dla $m=1$



Strojenie regulatora dla $m=50$



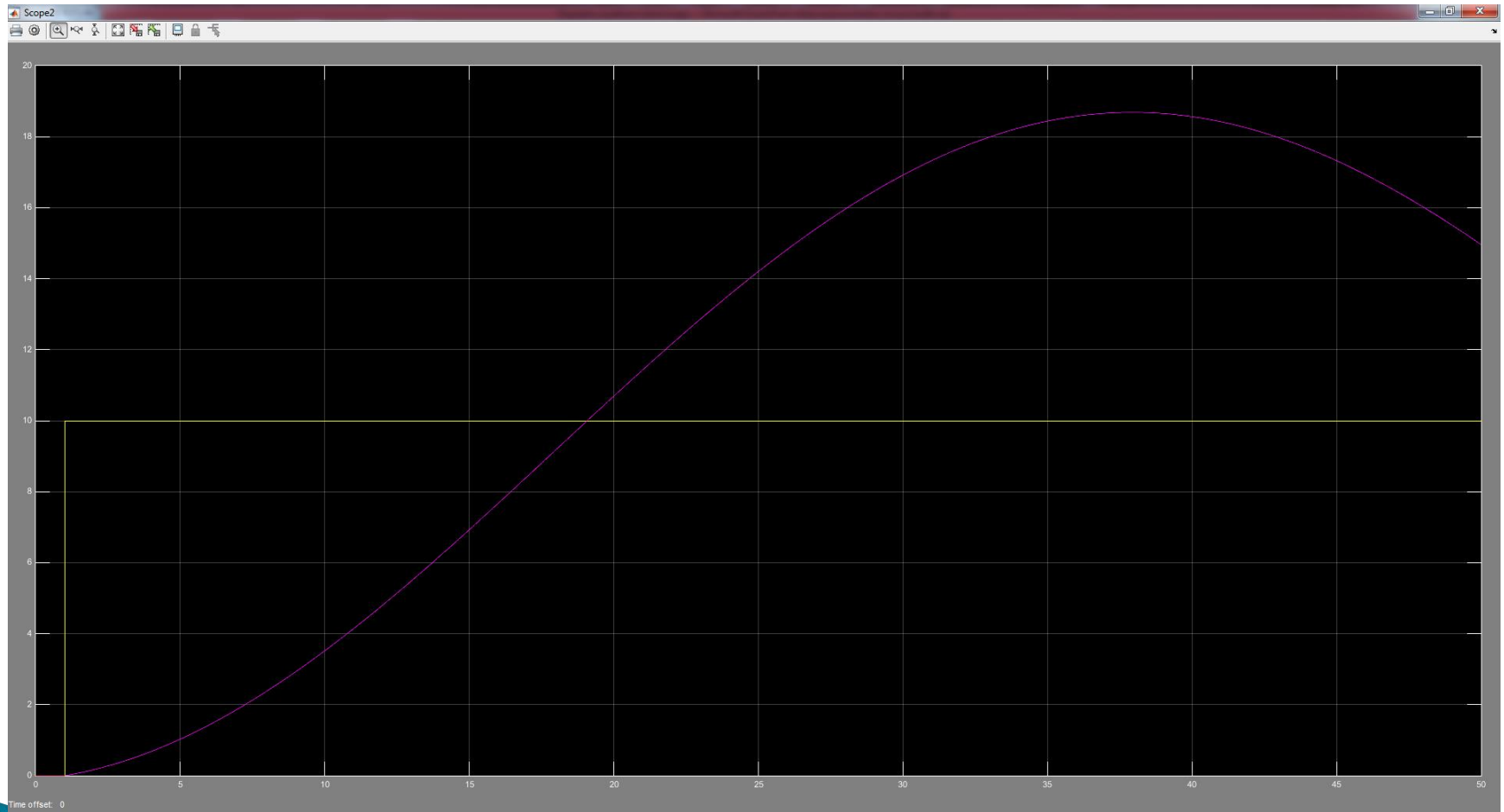
Strojenie regulatora dla $m=100$



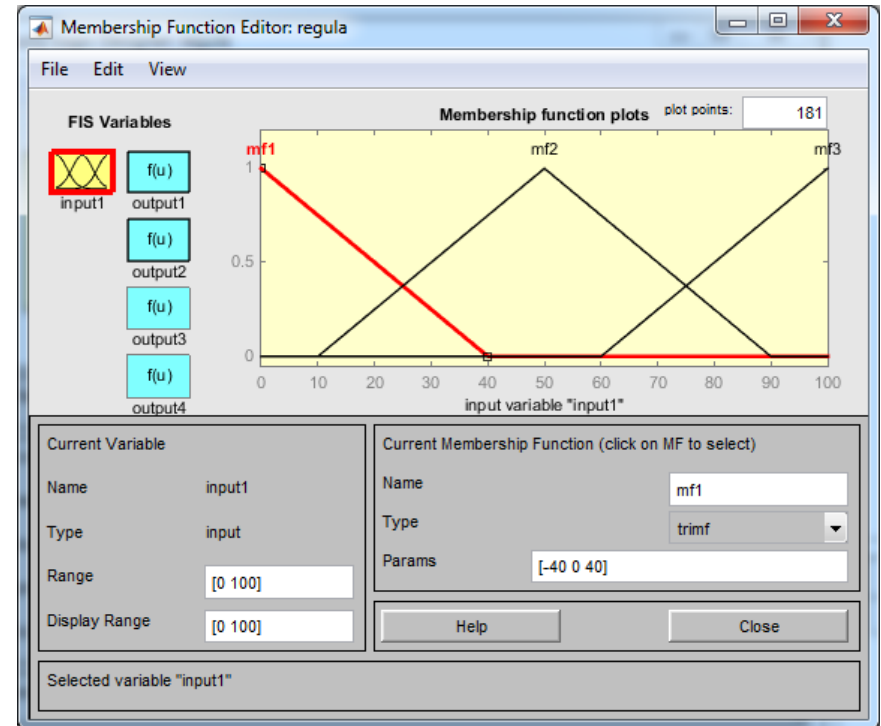
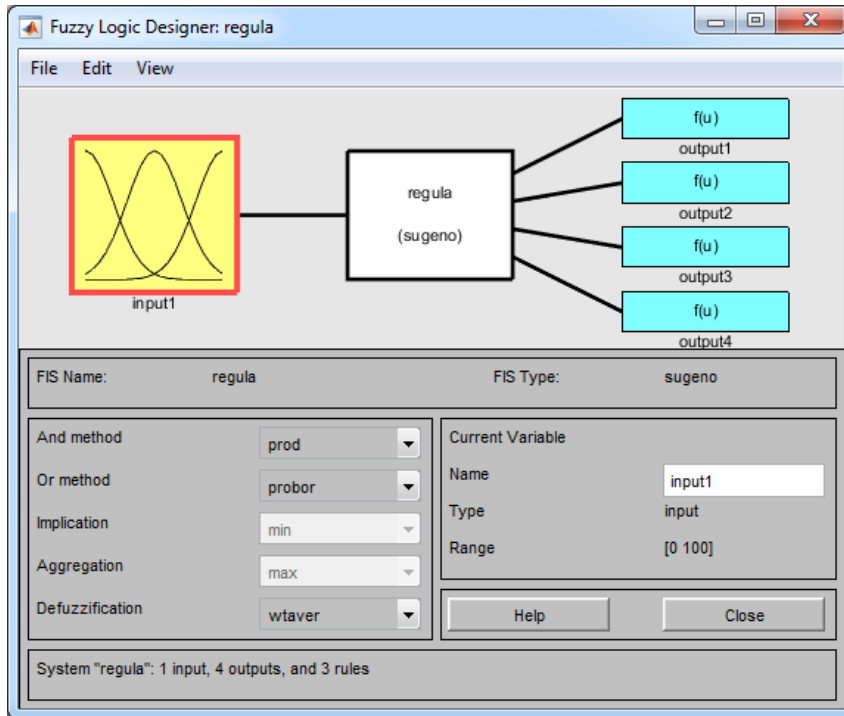
$m=1$ regulator dla $m=100$



$m=100$ regulator dla $m=1$



Fuzzy



Fuzzy

Rule Editor: regula

File Edit View Options

1. If (input1 is mf1) then (output1 is mf1)(output2 is mf1)(output3 is mf1)(output4 is mf1) (1)
2. If (input1 is mf2) then (output1 is mf2)(output2 is mf2)(output3 is mf2)(output4 is mf2) (1)
3. If (input1 is mf3) then (output1 is mf3)(output2 is mf3)(output3 is mf3)(output4 is mf3) (1)

If input1 is Then output1 is and output2 is and output3 is and output4 is

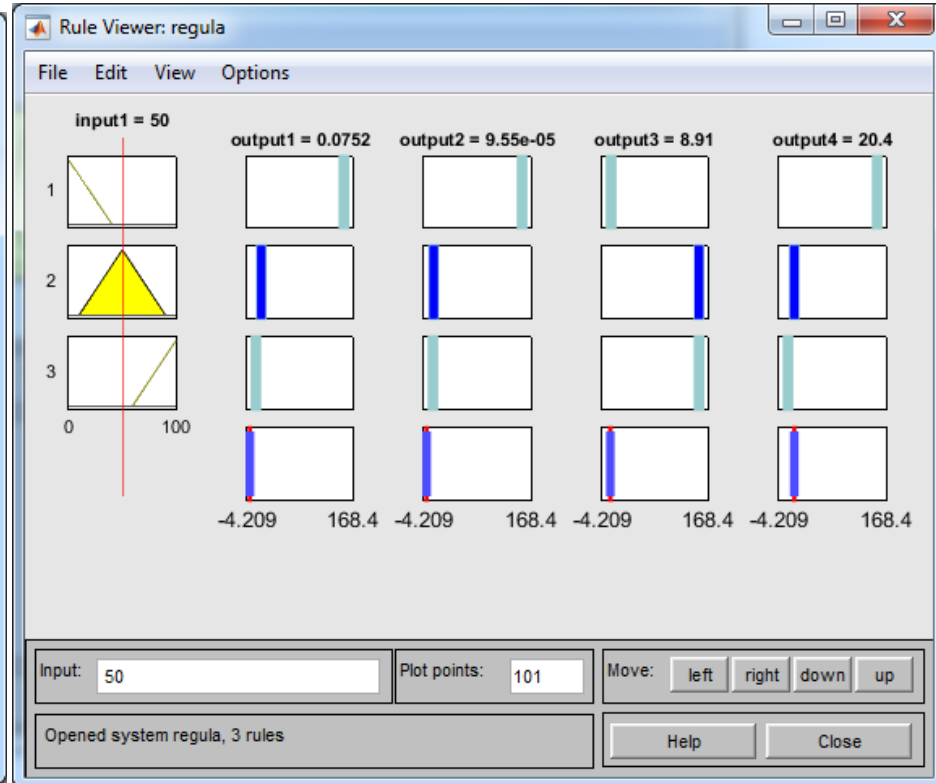
mf1 mf1 mf1 mf1 mf1
mf2 mf2 mf2 mf2 mf2
mf3 mf3 mf3 mf3 mf3
none none none none none

☐ not ☐ not ☐ not ☐ not ☐ not

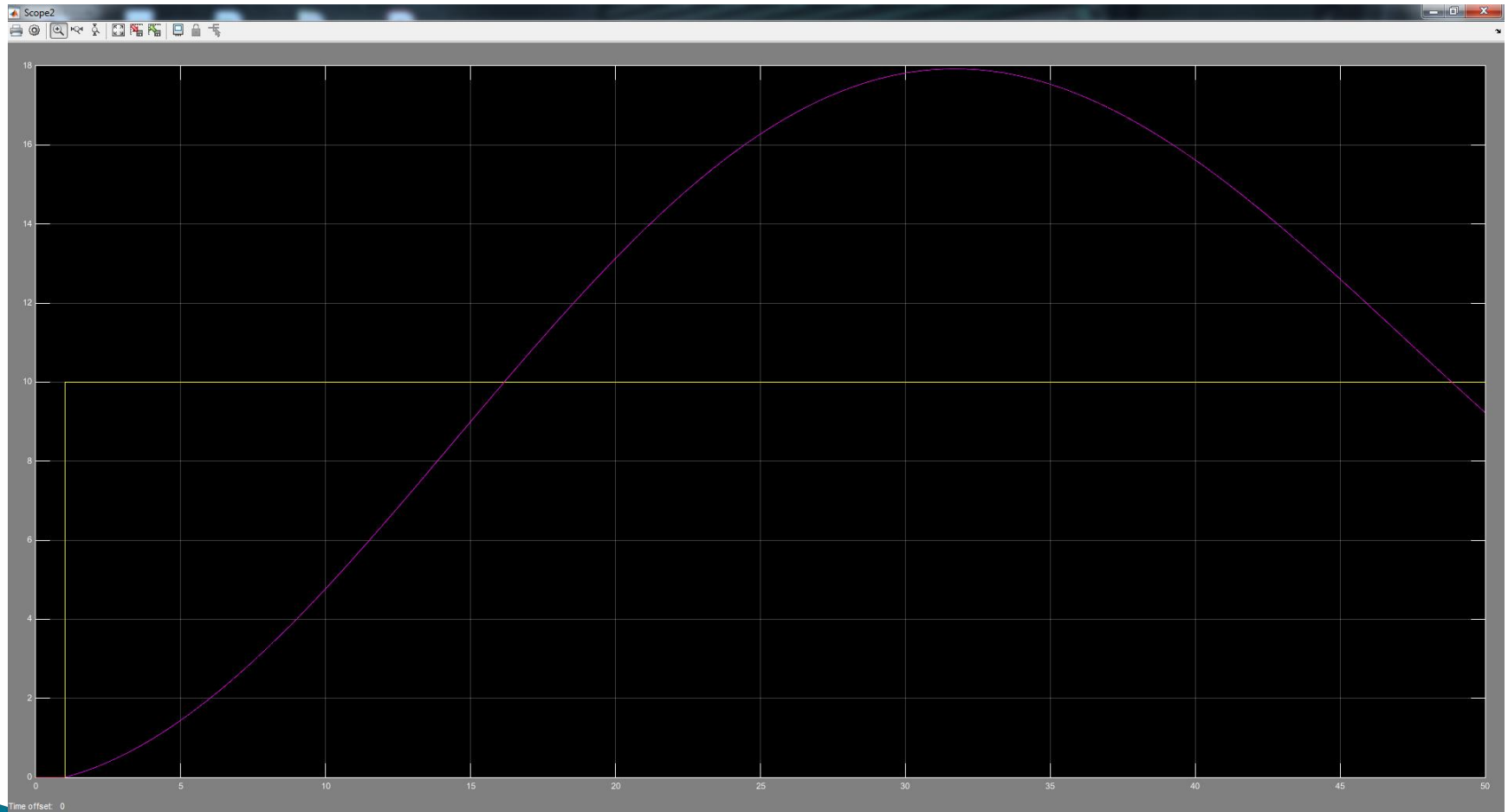
Connection: ☐ or ☒ and Weight: 1

Delete rule Add rule Change rule << >>

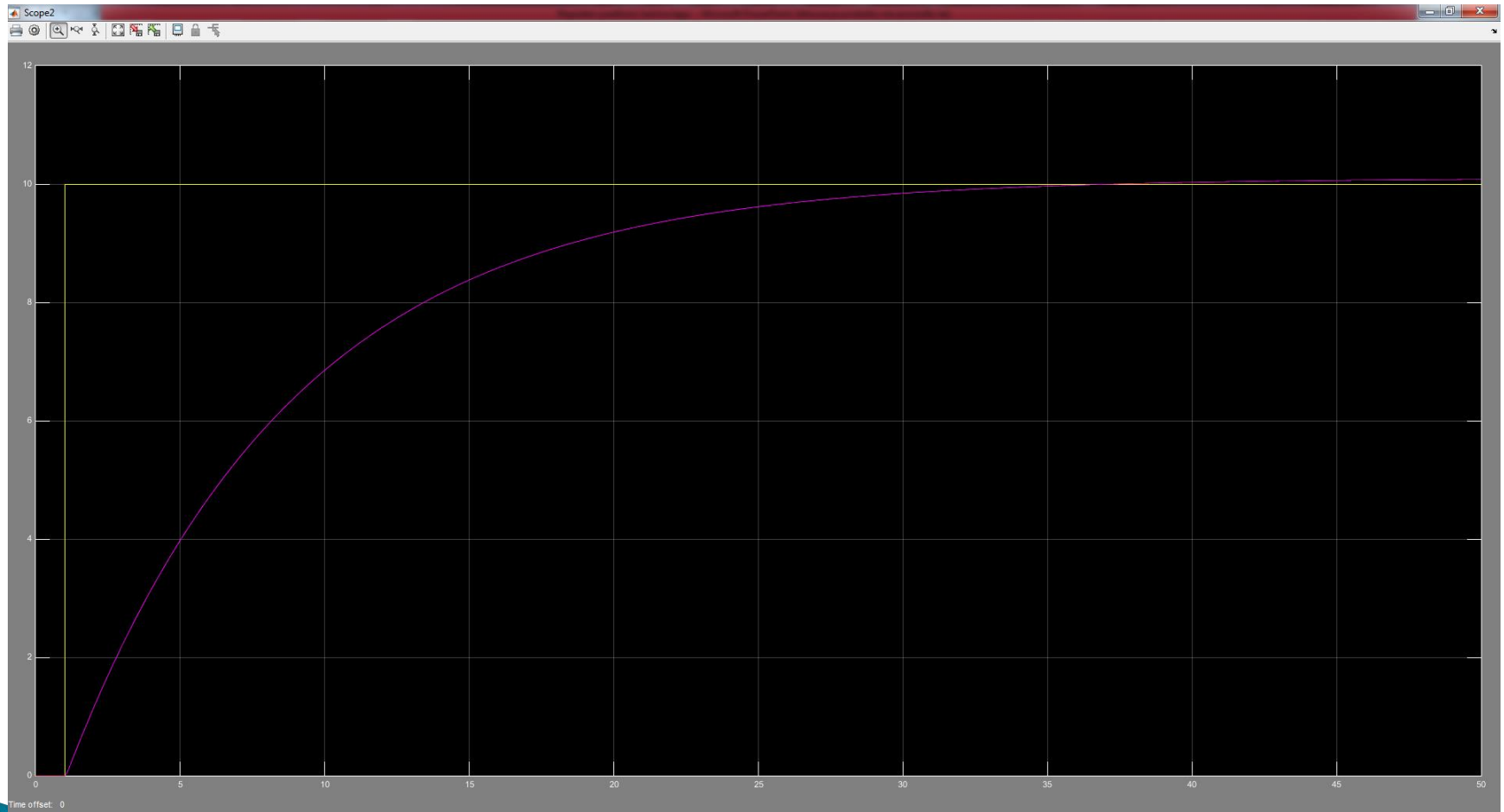
FIS Name: regula Help Close



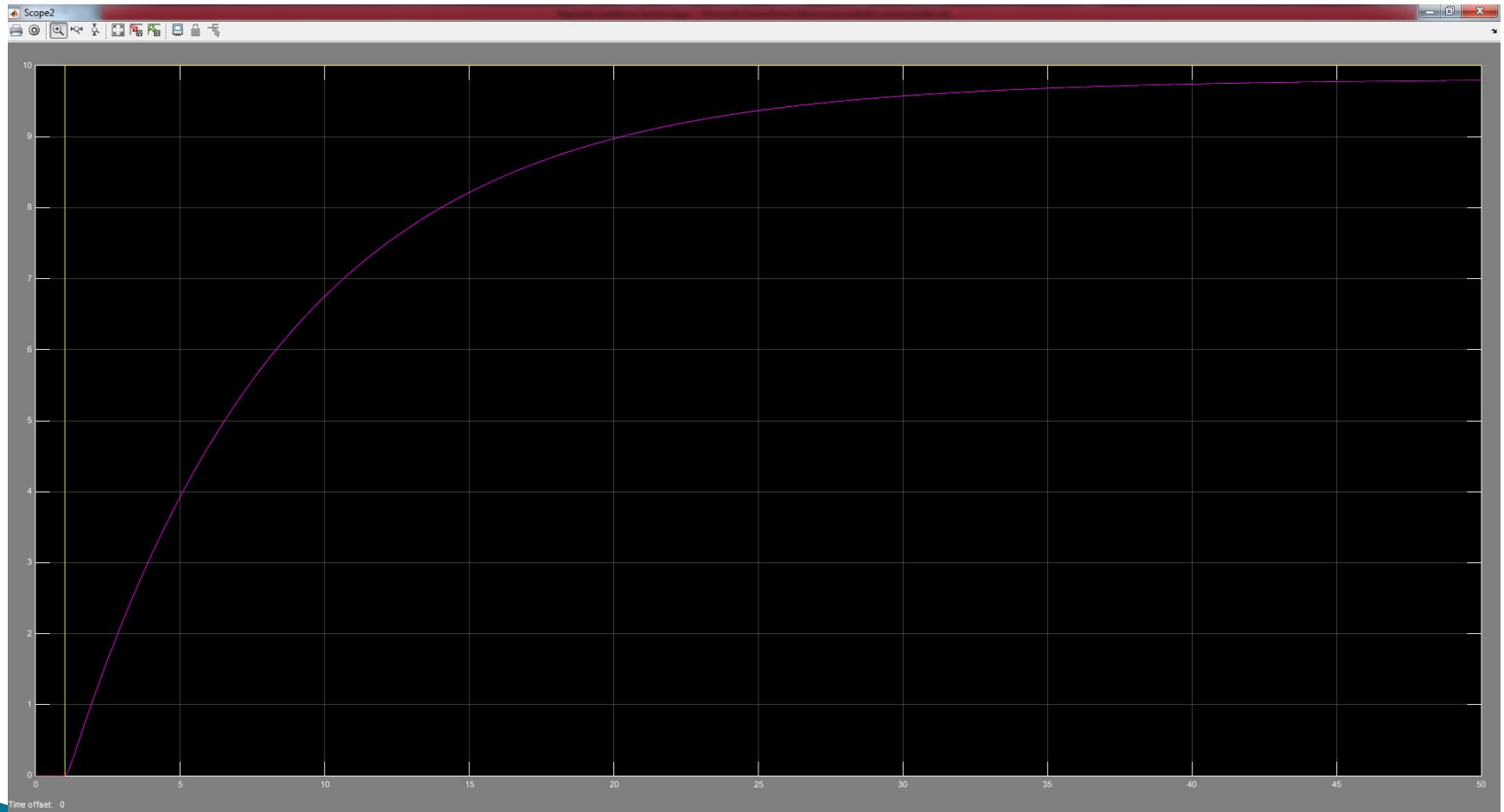
$m=70$ regulator dla $m=1$



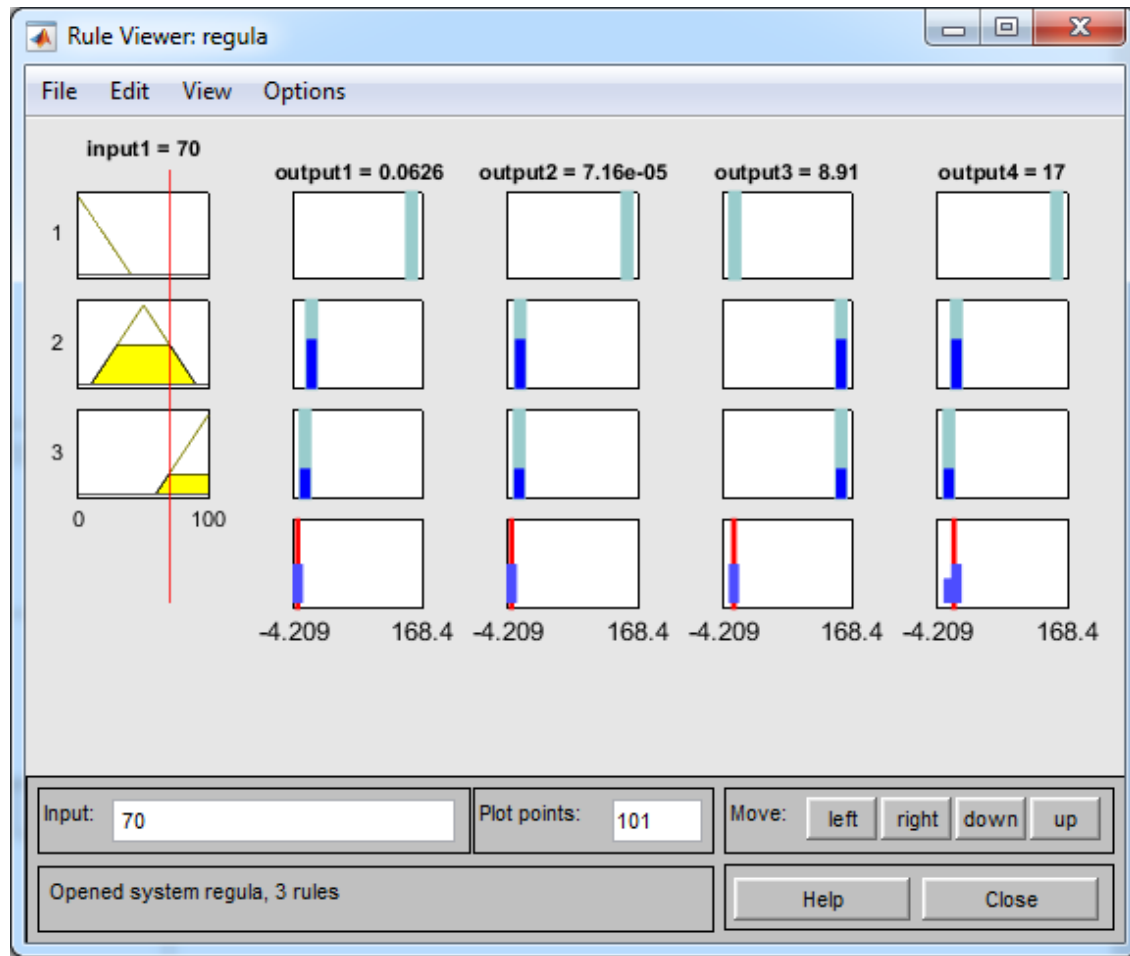
$m=70$ regulator dla $m=50$



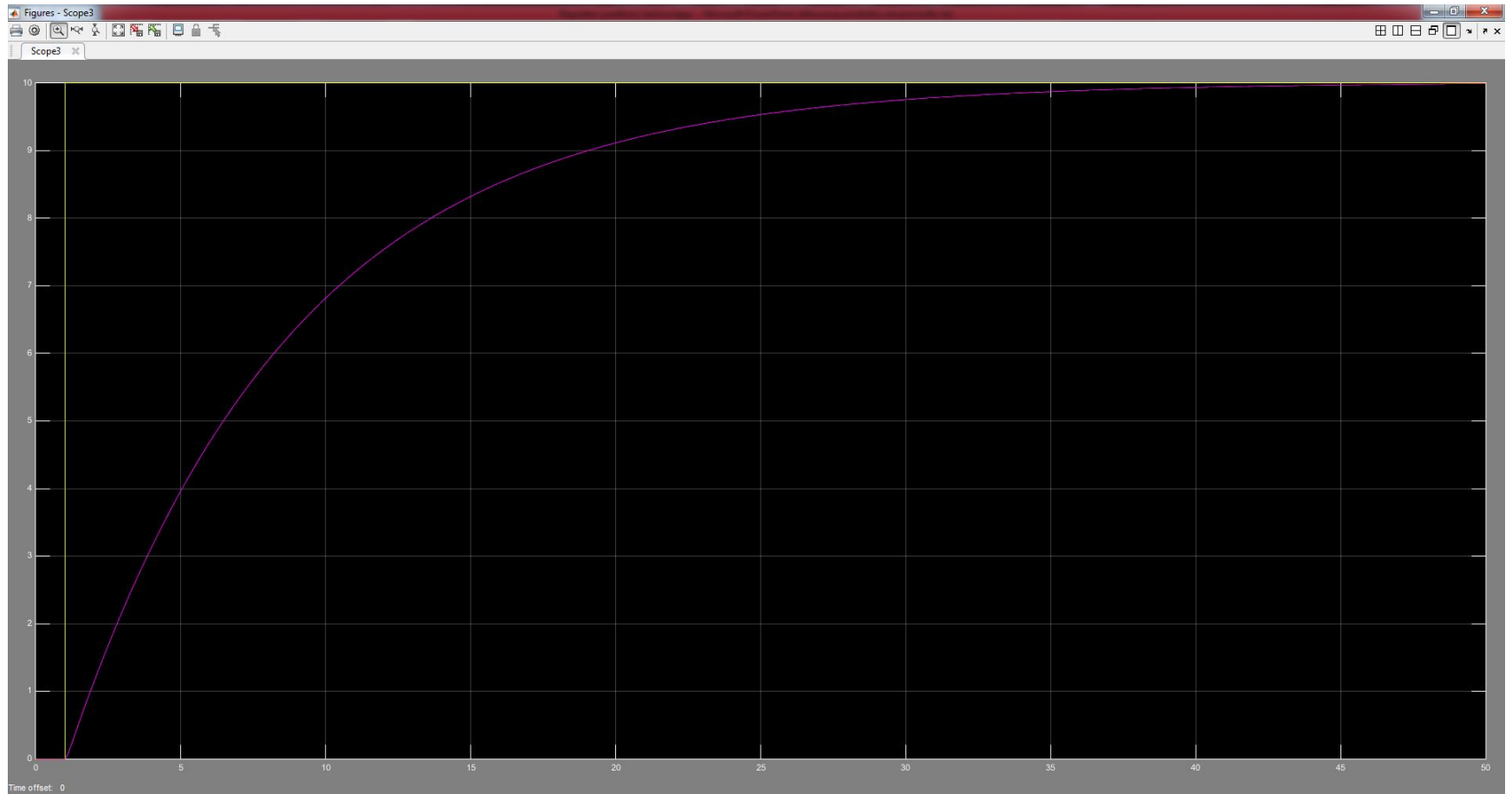
$m=70$ regulator dla $m=100$



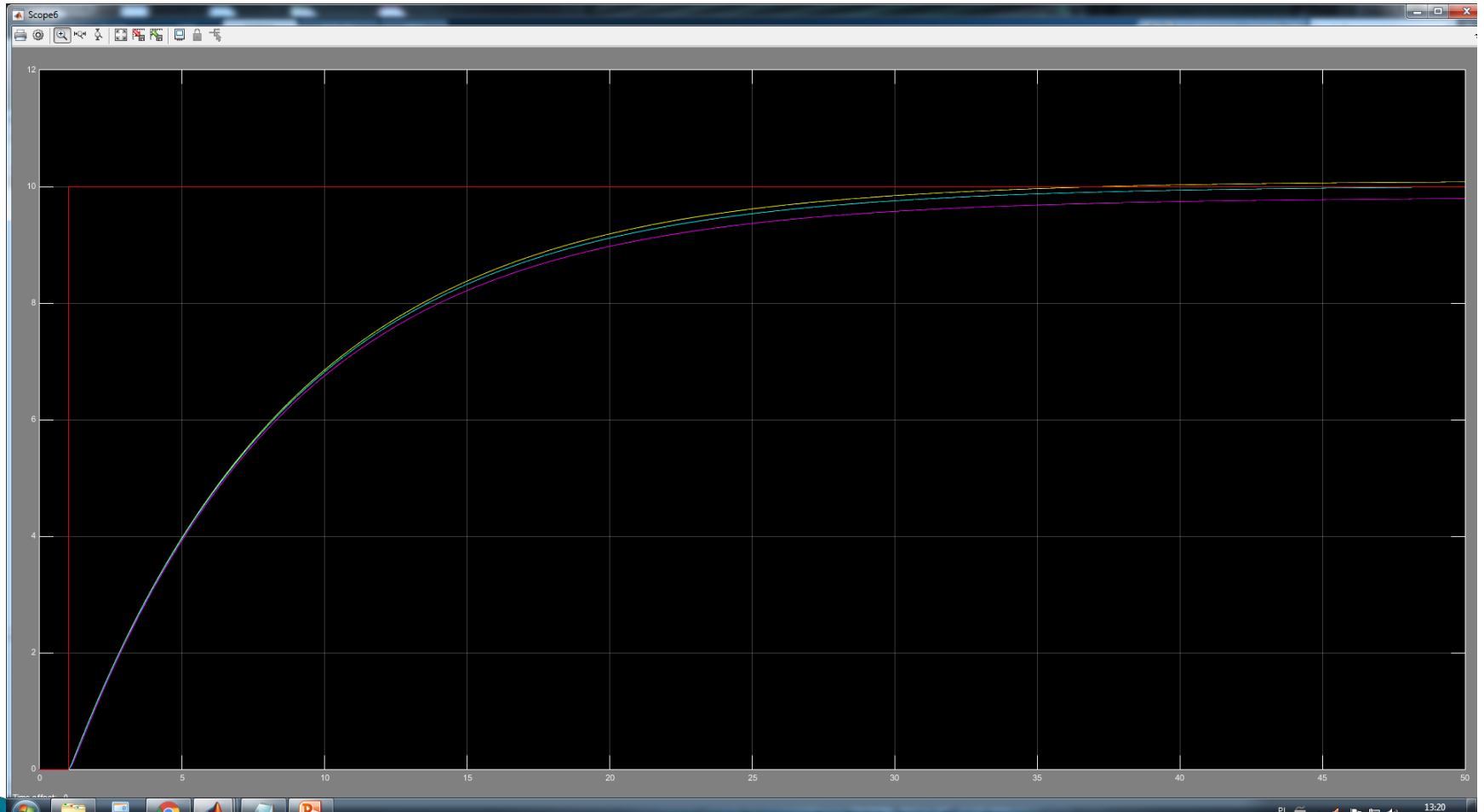
Fuzzy m=70



Fuzzy $m=70$



Fuzzy $m=70$



Fuzzy $m=70$

	M=50	M=100	Fuzzy $m=70$
P	0.07517	0.03758	0.06264
I	9.551e-05	2.388e-05	7.163e-05
D	8.909	8.909	8.909
N	20.35	10.18	16.96