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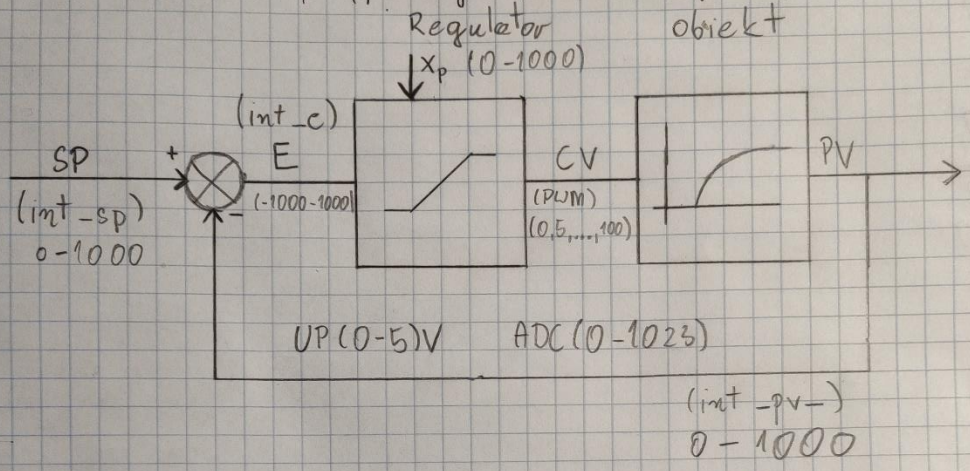
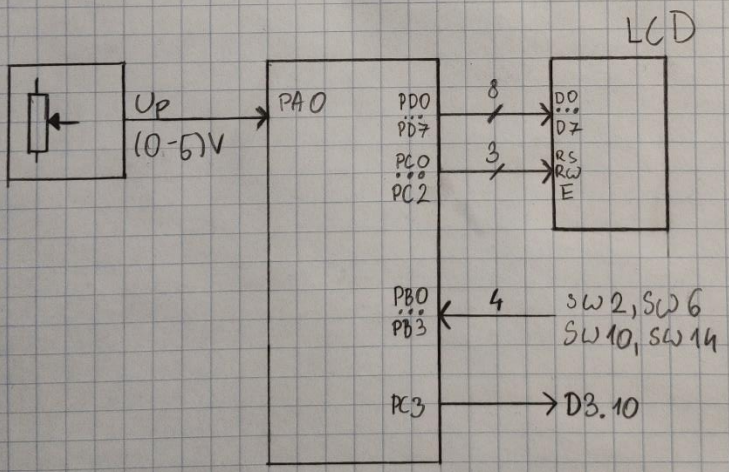
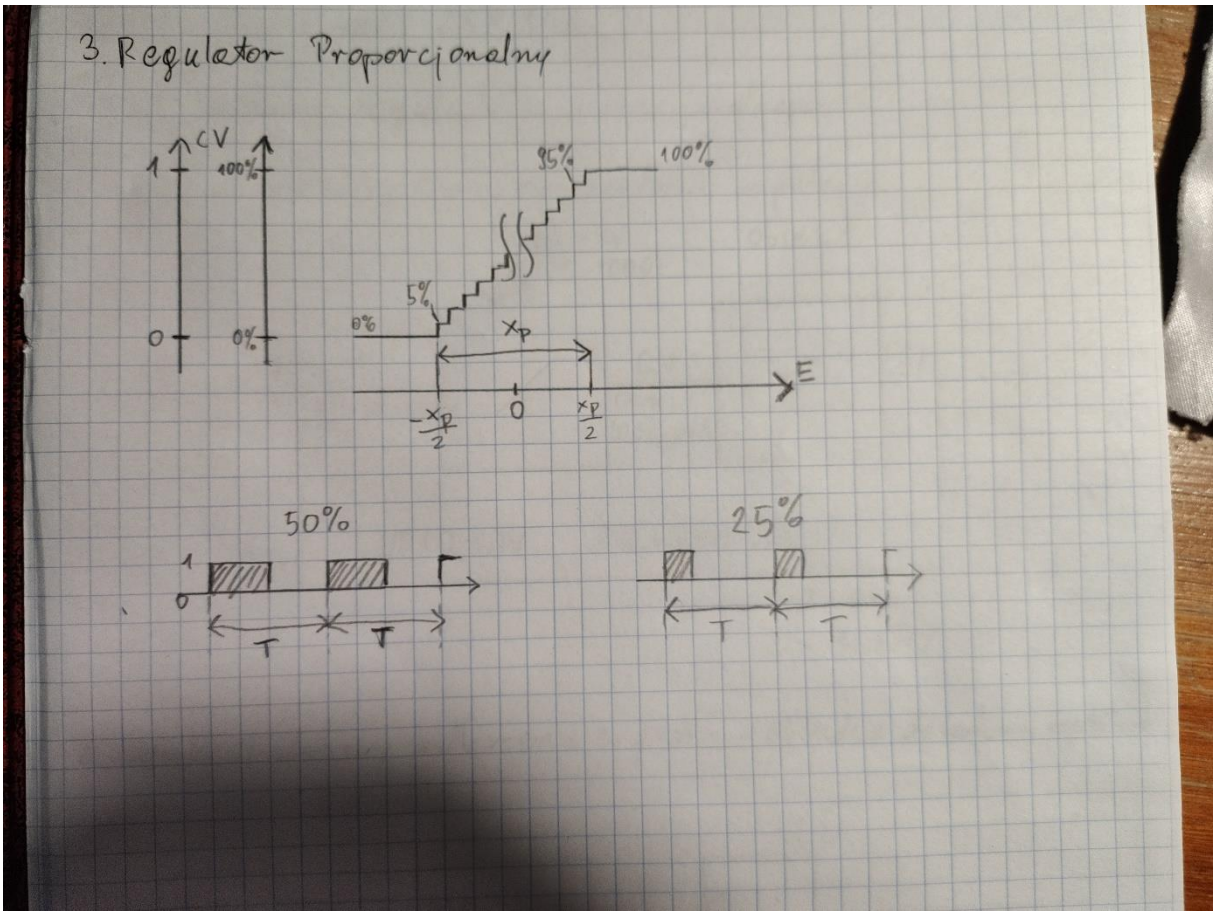
Temat: Badanie regulatora proporcjonalnego

1. Schemat blokowy typowego układu regulacji



2. Schemat blokowy podłączenia sygnałów w układzie do badania regulatora





Sp = 40%, Xp = 30%, T0 = 20s, (0-400°C)/(0-5V)

E[Xp]	E[%]	PV[%]	PV[ADC]	PV[°C]	PV[V]	CV[%]	tH[s]	tH[s]/20[s]*100%
-1.00	-30.0%	70.0%	716	280.0	3.5	0		
-0.55	-16.5%	56.5%	578	226.0	2.825	0		
-0.50	-15.0%	55.0%	563	220.0	2.75	0		
-0.45	-13.5%	53.5%	547	214.0	2.675	5		
-0.40	-12.0%	52.0%	532	208.0	2.6	10		
-0.20	-6.0%	46.0%	471	184.0	2.3	30		
-0.10	-3.0%	43.0%	440	172.0	2.15	40		
0.00	0.0%	40.0%	409	160.0	2	50		
0.10	3.0%	37.0%	379	148.0	1.85	60		
0.20	6.0%	34.0%	348	136.0	1.7	70		
0.40	12.0%	28.0%	286	112.0	1.4	90		
0.45	13.5%	26.5%	271	106.0	1.325	95		
0.50	15.0%	25.0%	256	100.0	1.25	100		
0.55	16.5%	23.5%	240	94.0	1.175	100		
1.00	30.0%	10.0%	102	40.0	0.5	100		