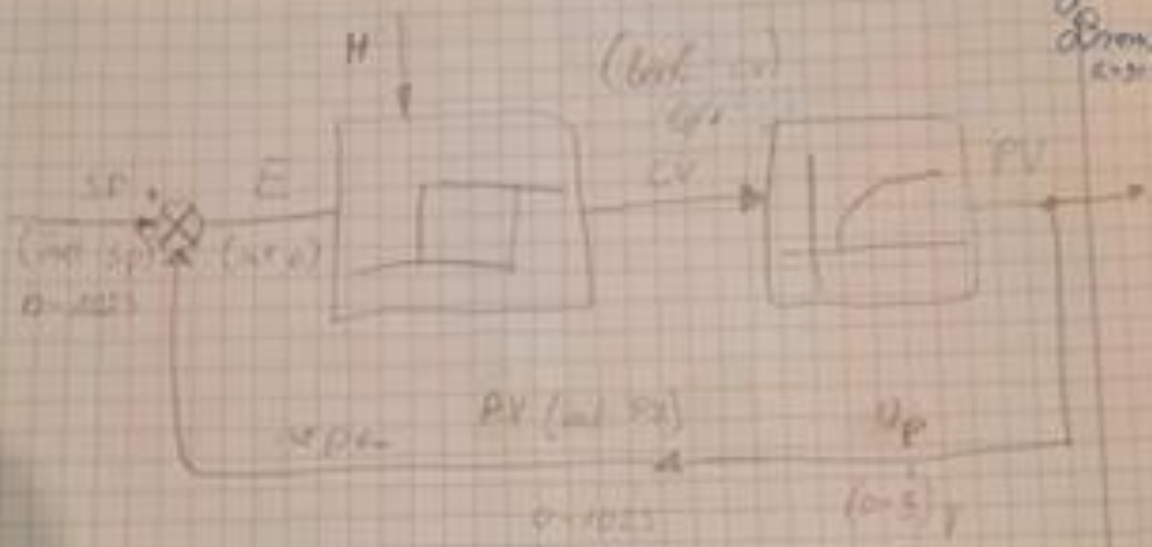
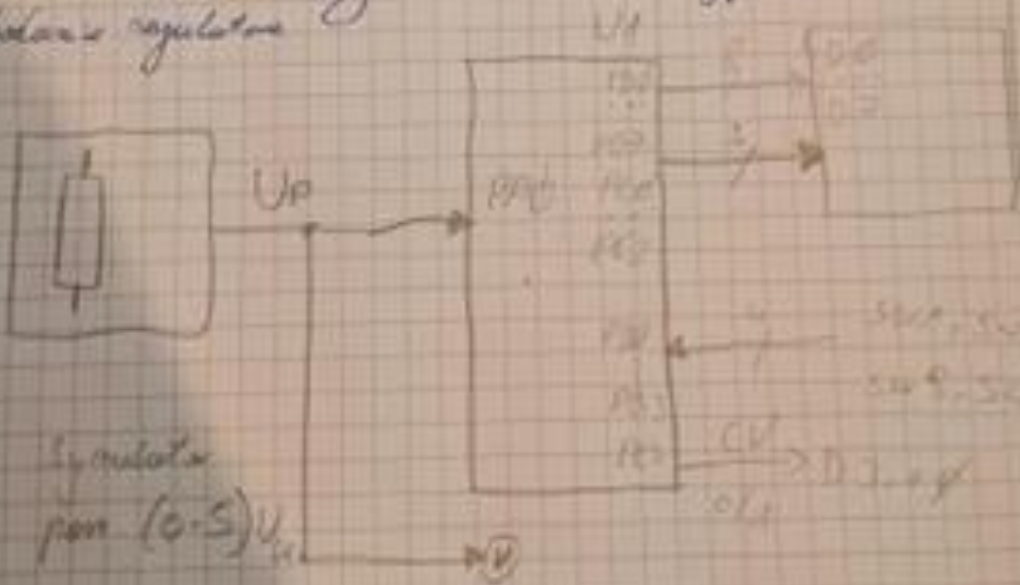
1. Schemat blokowy typowego układu regulacji



2. Schemat blokowy pełniejszej symulacji układu do badania regulatora

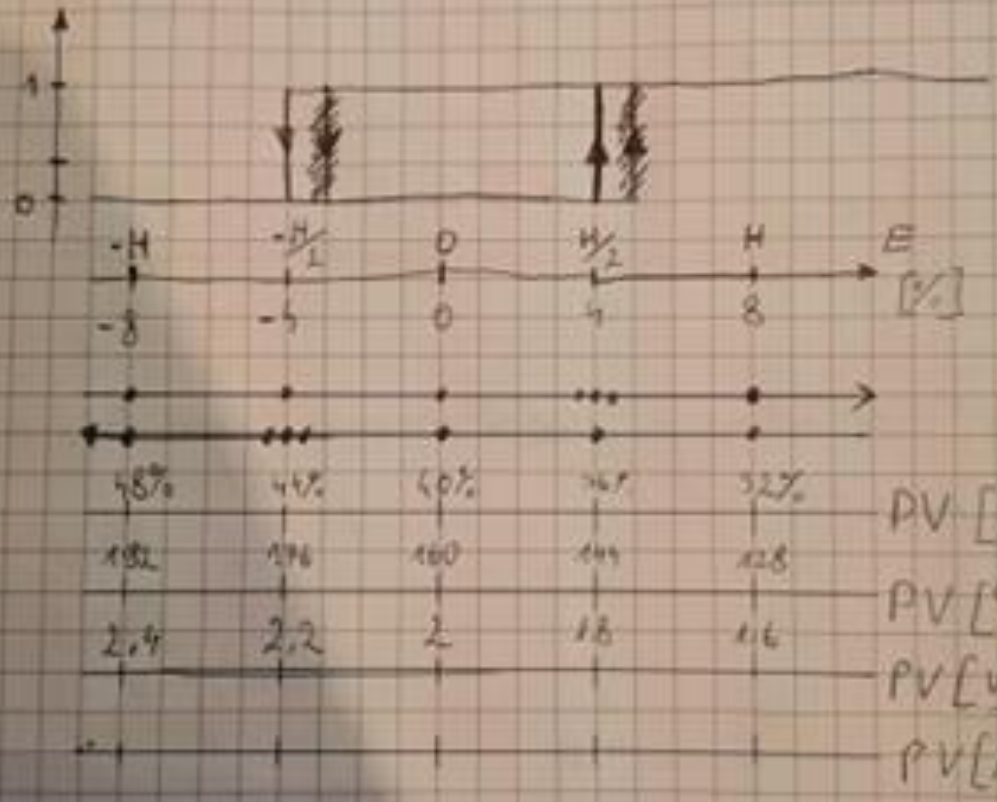


3. Regulator dwustawny

Algorytm działania: E = SP - PV

gdy $E > H/2$ set CV

gdy $E < -H/2$, reset CV



4 Tabela pomocnicza SA = 50% H = 10% [illegible]

E[V]	E[%]	E[°C]	PV[%]	PV[kW]	PV[°C]	PV[K]		[illegible]
-1 =	-8%	-32	48%	491	192	2.4		
-0.5 =	-4%	-16	44%	450	176	2.2		
0 =	0%	0	40%	409	160	2		
0,45 =	3,6%	14,4	36,4%	372	145,6	1.82		
0,50 =	4%	16	36%	368	144	1.8		
0,55 =	4,4%	17,6	35,6%	364	142,4	1.78		
1 =	8%	32	32%	327	128	1.0		
0.5 =	4%	16	36%	368	144	1.8		
0 =	0%	0	40%	409	160	2		
-0.45 =	-3,6%	-14,4	43,6%	446	174,4	2.18		
-0.5 =	-4%	-16	44%	450	176	2.2		
-0.55 =	-4%	-17,6	44,4%	454	177,6	2.22		
-1 =	-8%	-32	48%	491	192	2.24		