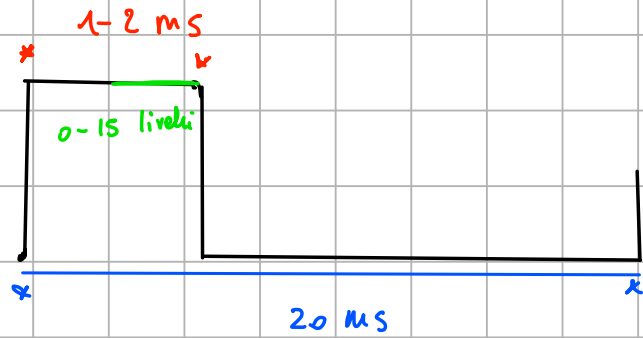


## Servo pwm



$$\text{Passo} = 20\text{ms} / (20 \times 15) \sim 0.0667 \text{ ms}$$

$20 \times 15 = 300$  sezioni  $\rightarrow$  counter di  $2^9 = 512$

Con flag a 15 (da "11111111" a "111110010" in hold a 1)

E 30 (dopo "111100010" tutto basso), reset a 299 ("011010101")

angoli	
1111	-90
1110	-78
1101	-66
1100	-54
1011	-42
1010	-30
1001	-18
1000	-6
0111	6
0110	18
0101	30
0100	42
0011	54
0010	66
0001	78
0000	90

1 ms pulse

$\sim 1.5 \text{ ms pulse}$

2 ms pulse

Check per la simulazione(maximpulse):

$$600\text{ns} : 2\text{ms} = 20\text{ns} : x$$

$$x = 0.66667 \text{ ms}$$

