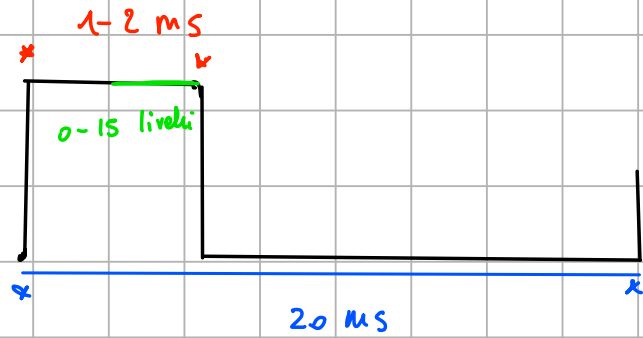


## Servo pwm



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

$20 \times 15 = 300$  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	1 ms pulse
1110	-78	
1101	-66	
1100	-54	
1011	-42	
1010	-30	
1001	-18	
1000	-6	$\sim 1.5$ ms pulse
0111	6	
0110	18	
0101	30	
0100	42	
0011	54	
0010	66	
0001	78	2 ms pulse
0000	90	

Check per la simulazione(maximpulse):

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

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

