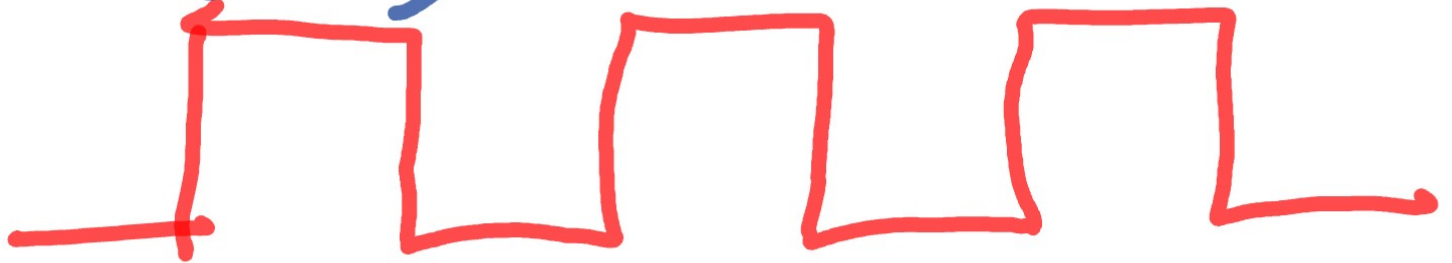
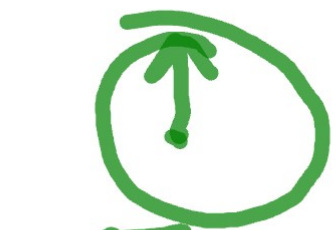


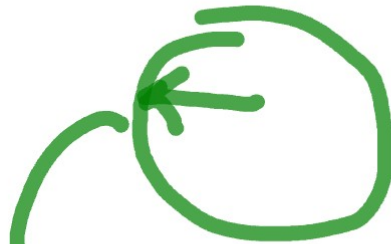
5-10% \rightarrow 1 \rightarrow 2ms



50 Hz, 20ms



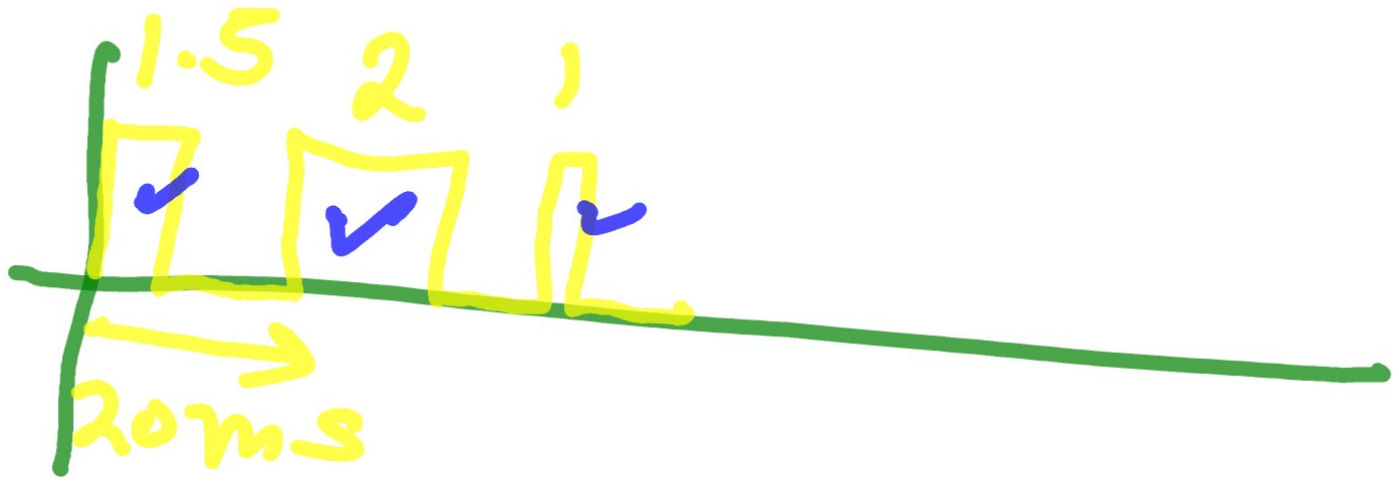
1.5ms

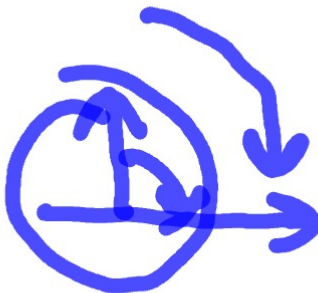
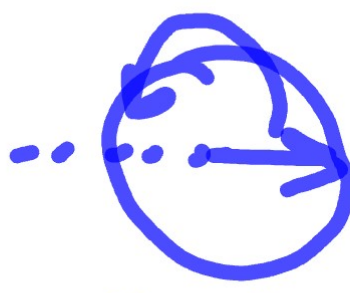
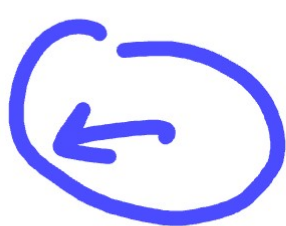


1ms
- 1.5ms



1.5ms
 \rightarrow 2ms



Center. 90' 180'

1.5ms

rest

de fault:

Potentiometer



Current.



H bridge



Speed



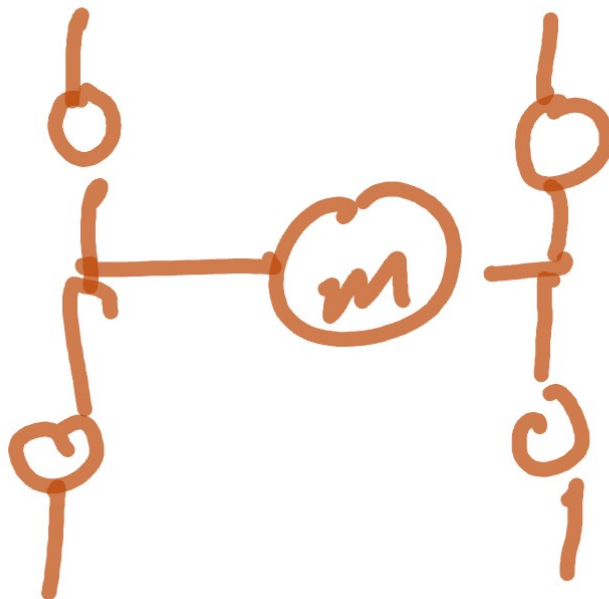
PWM

H-bridge

PWM

↓

Clock. A Clock



✓

Proportional speed.



angle sweep

\propto speed
(RPM)

as angle \uparrow

speed \uparrow



- PWM Signal
- 20ms - T_p
- $D_c \rightarrow 1-2ms$

- $1.5 \rightarrow C$
 $1 \rightarrow 90^\circ - 90$
 $2 \rightarrow 180^\circ + 90$

- angle sweep α speed

- Comparison + Plot.

PWM → Motor speed → Current