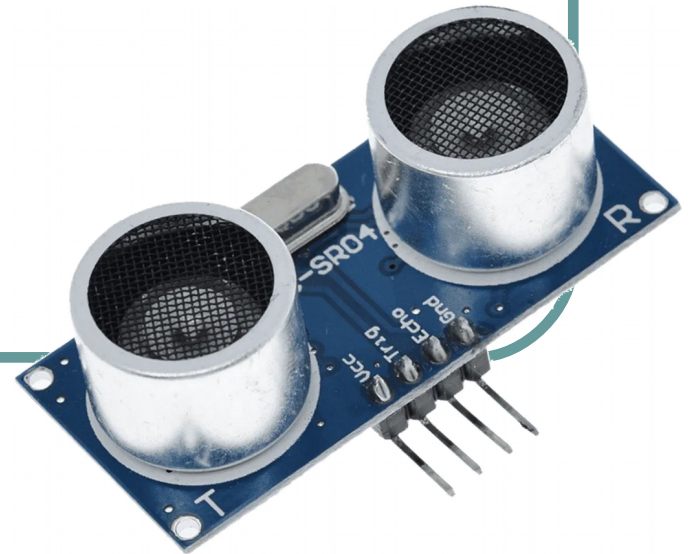


Campus Party 2022 - CPBr14

Robôs e Zóinhos

Sensor ultrassônico HC-SR04
e mapeamento de ambientes

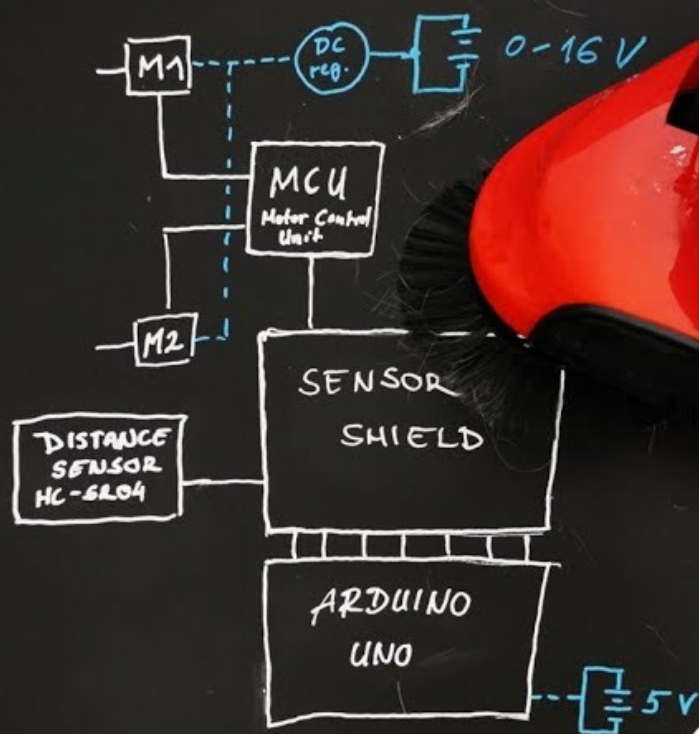


Emerson William dos Santos Moura
oldfatnerd.blogspot.com

facebook.com/abcmakerspace



DIY



Cleaner Robot



DIY Vacuum Cleaner Robot

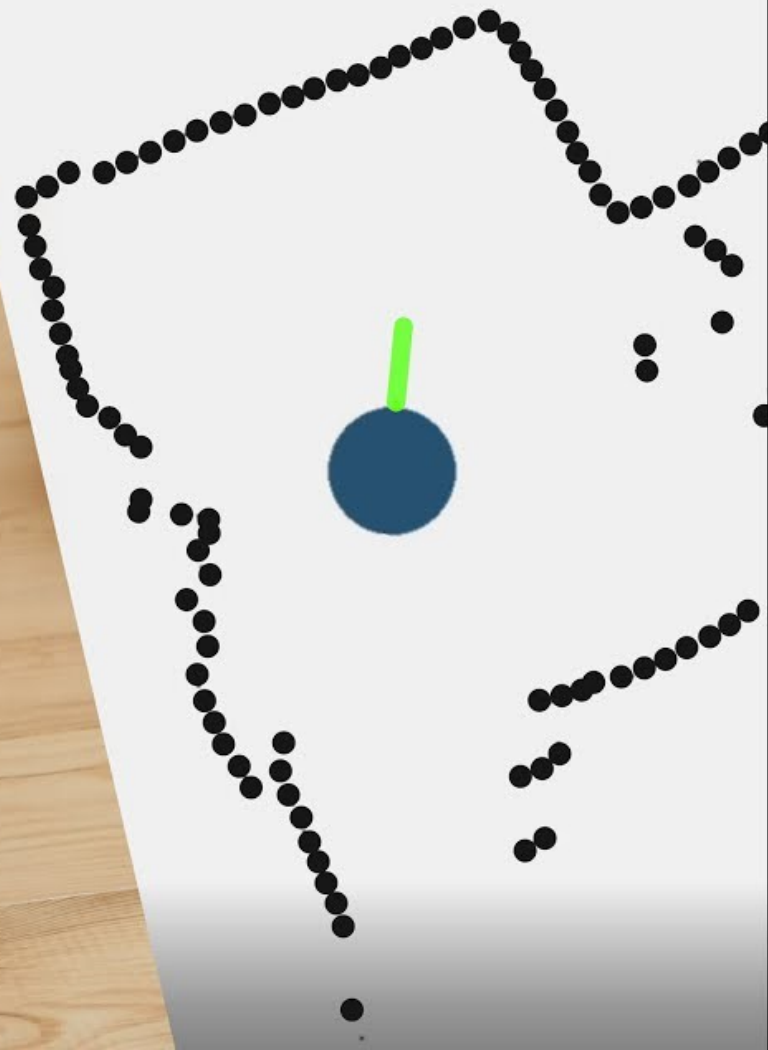


Subscribe



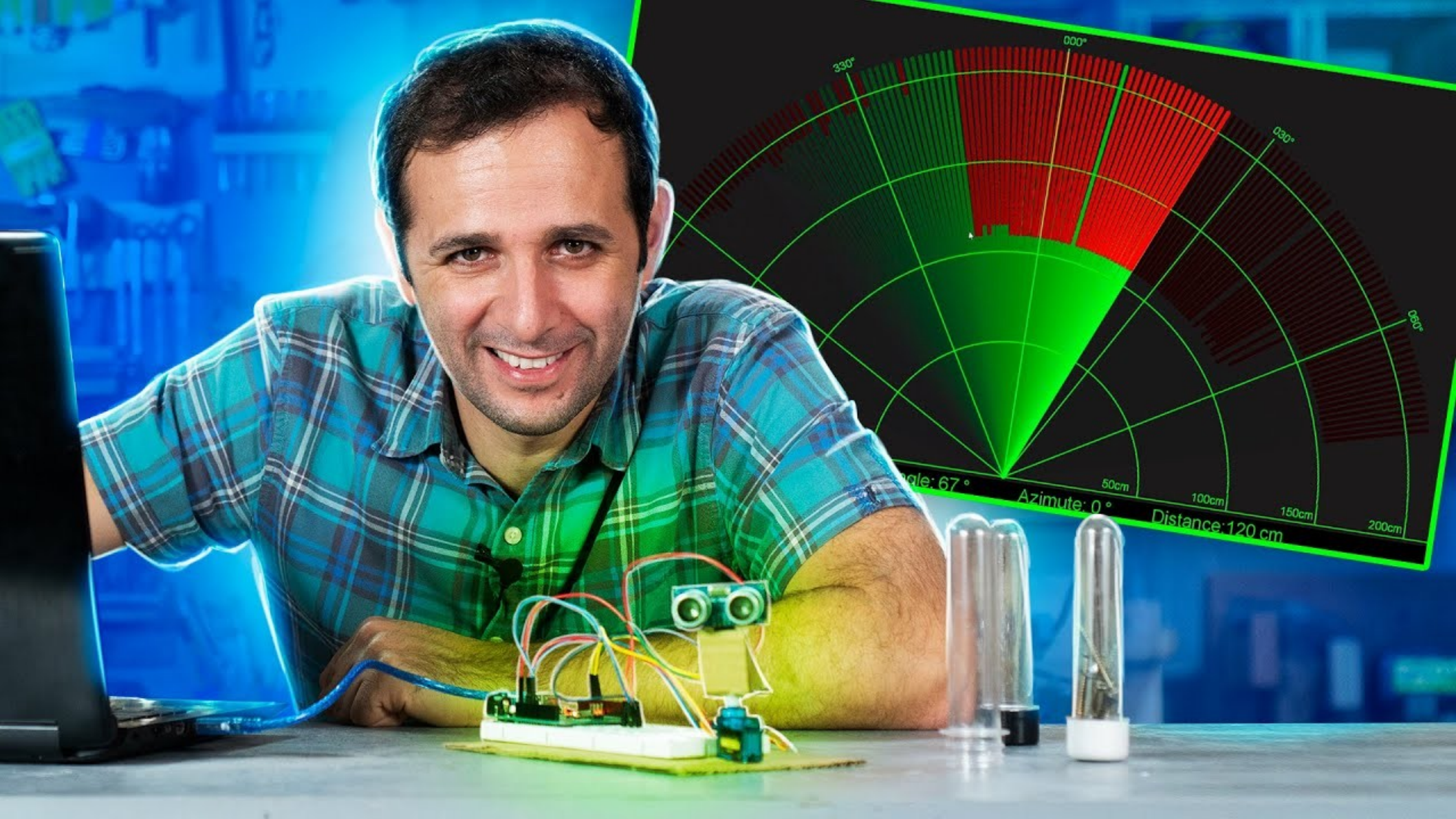
GeekBot

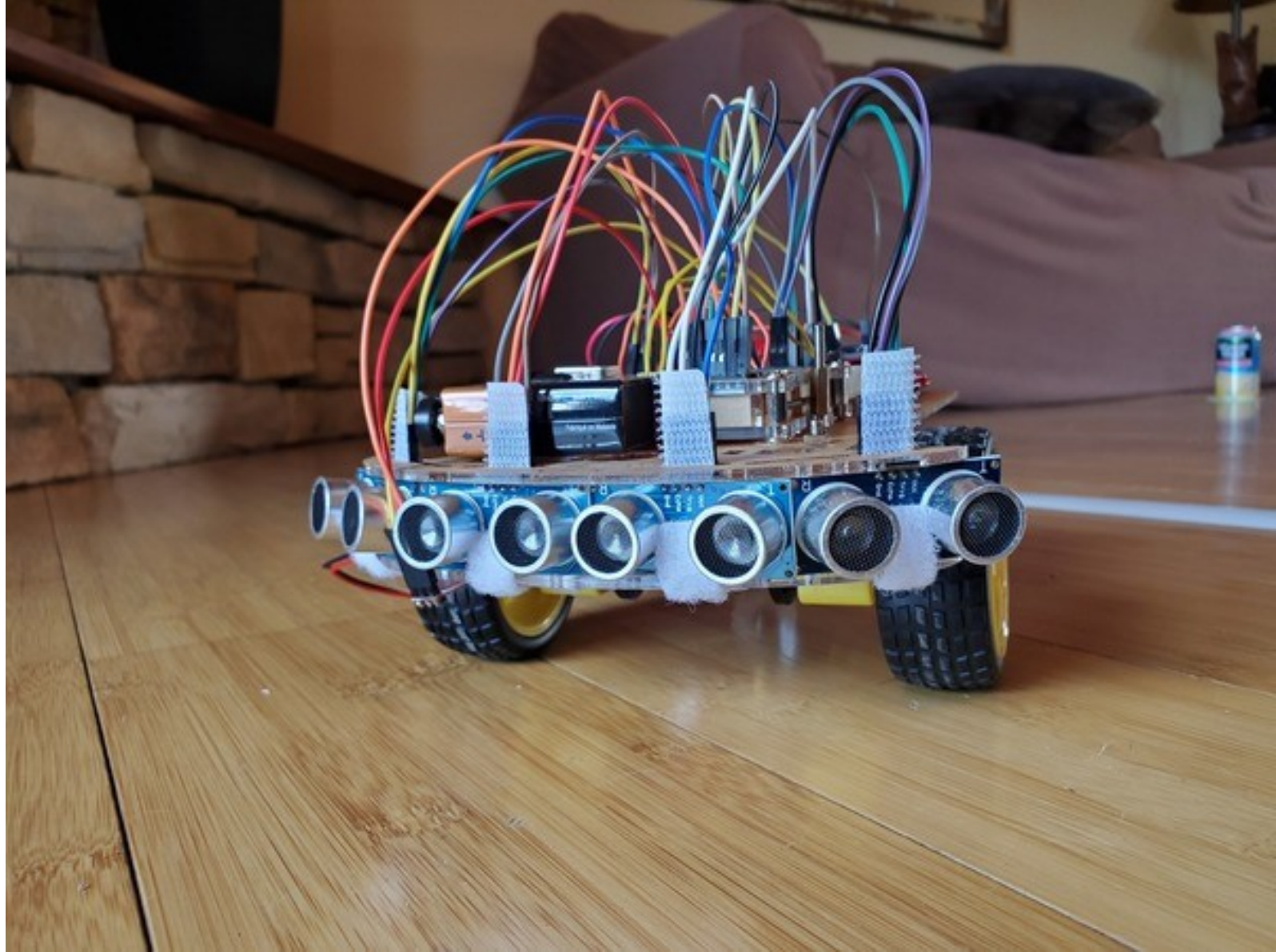
LIDAR

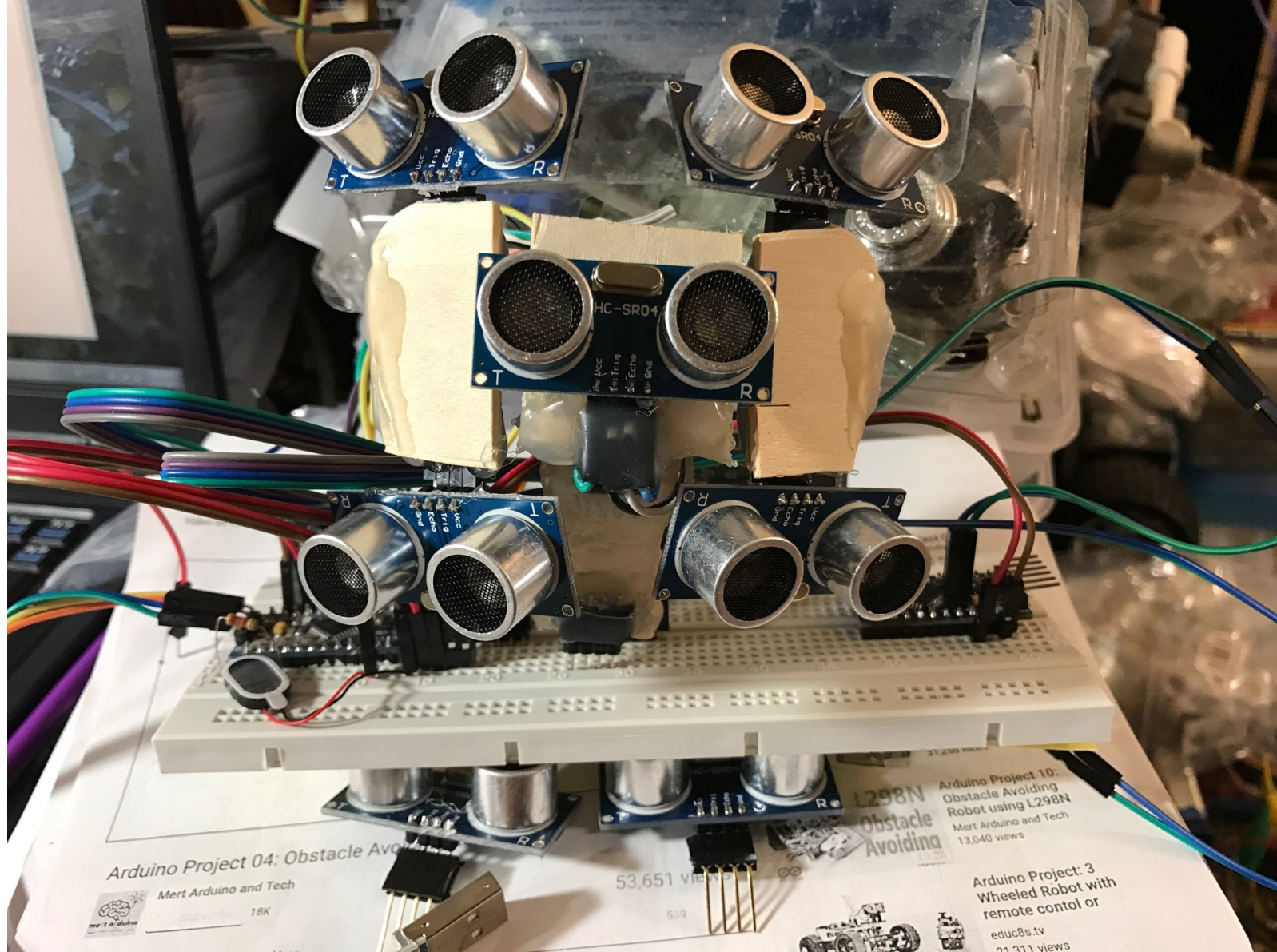


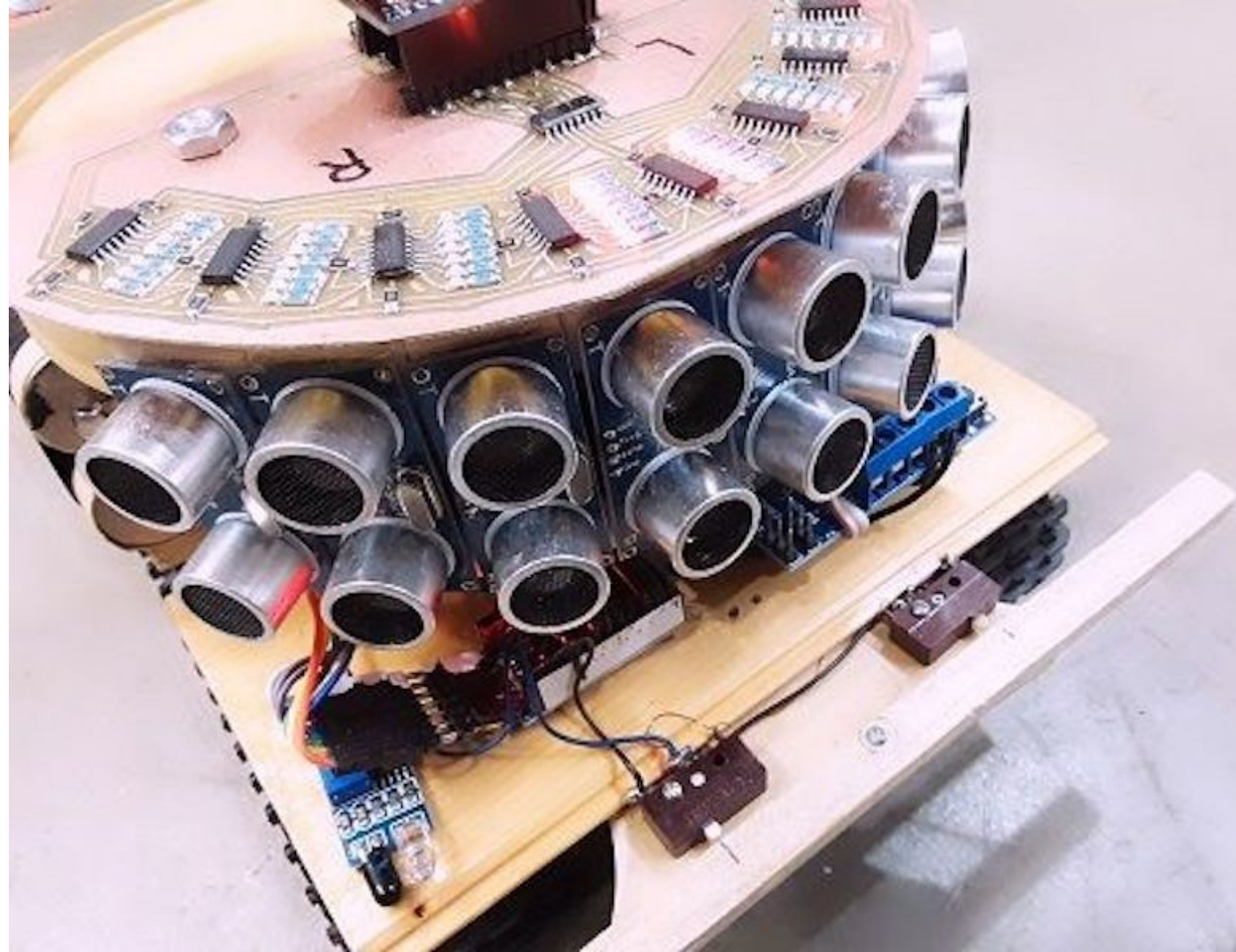




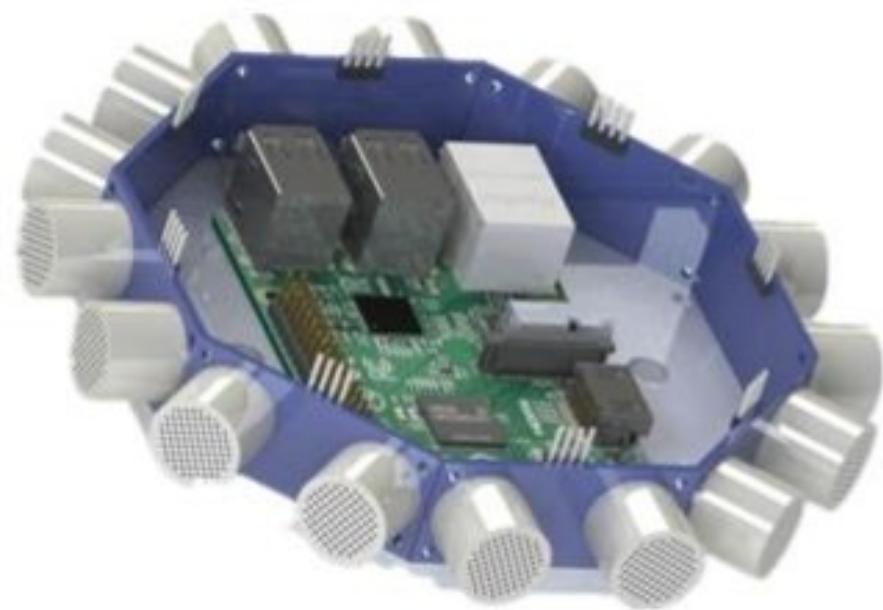




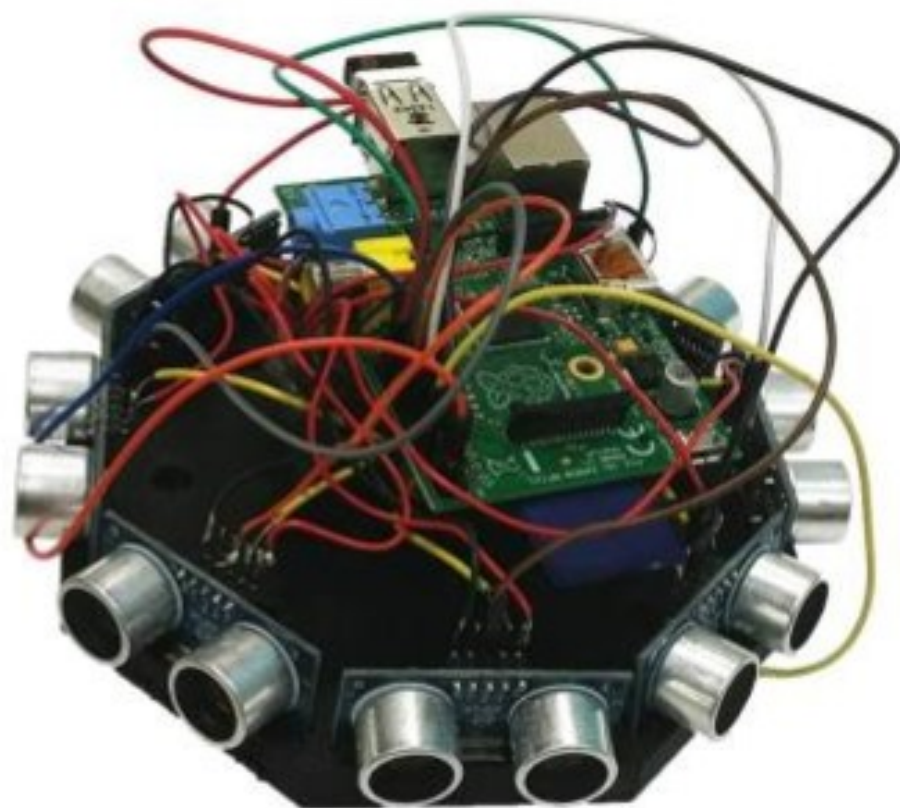




power ports of Kobuki robots.

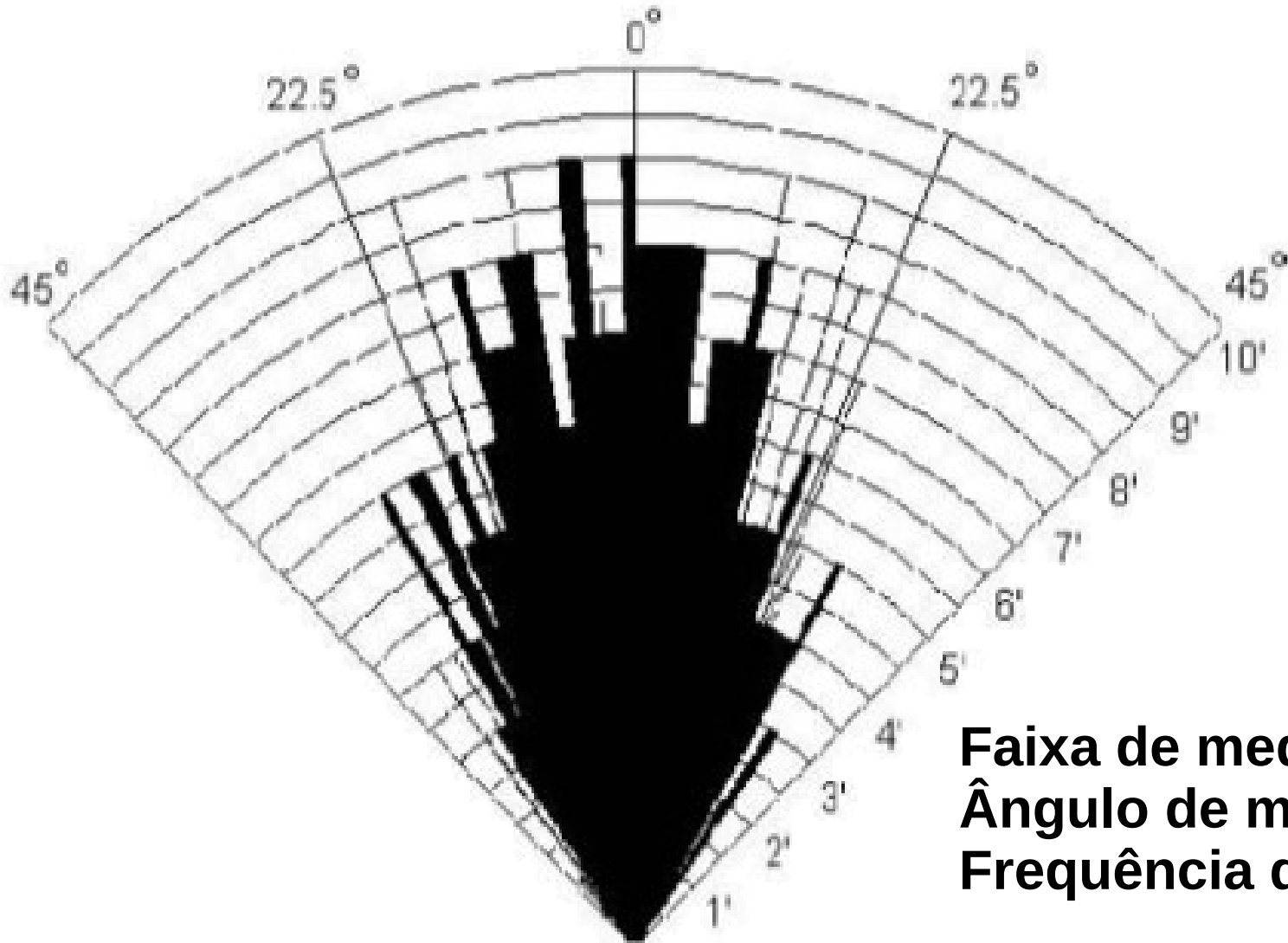


(a) 3D Rendering of MUSSE

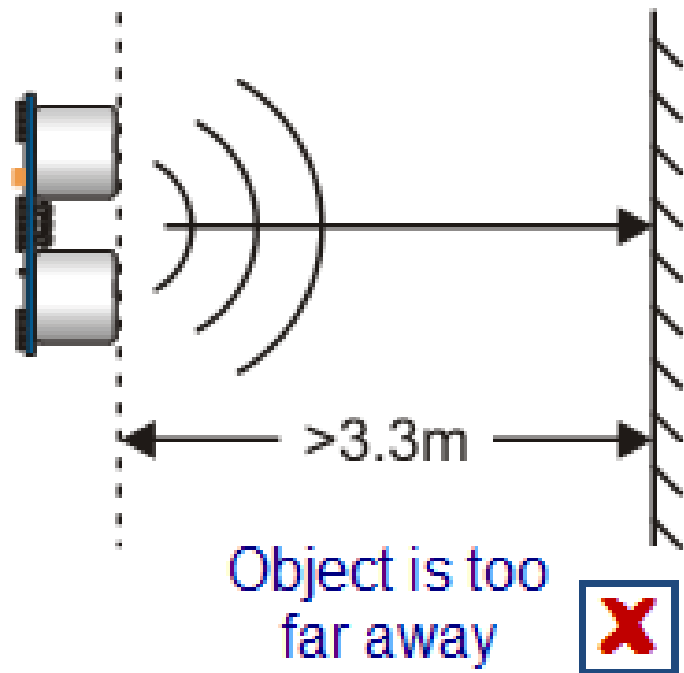


(b) Implemented Prototype

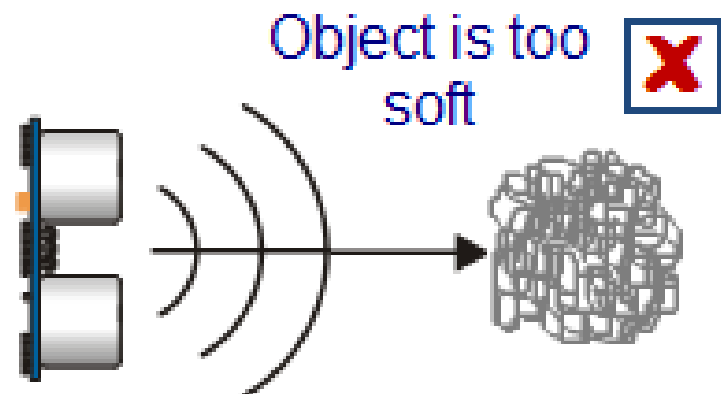
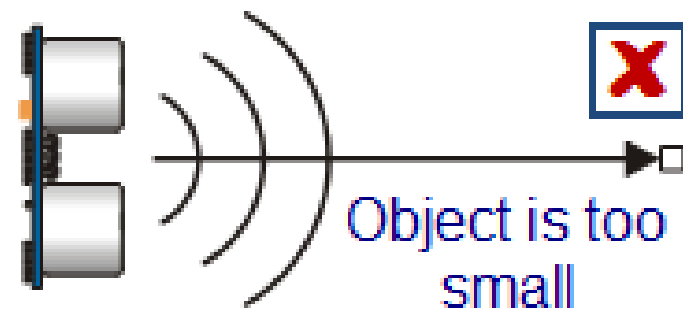
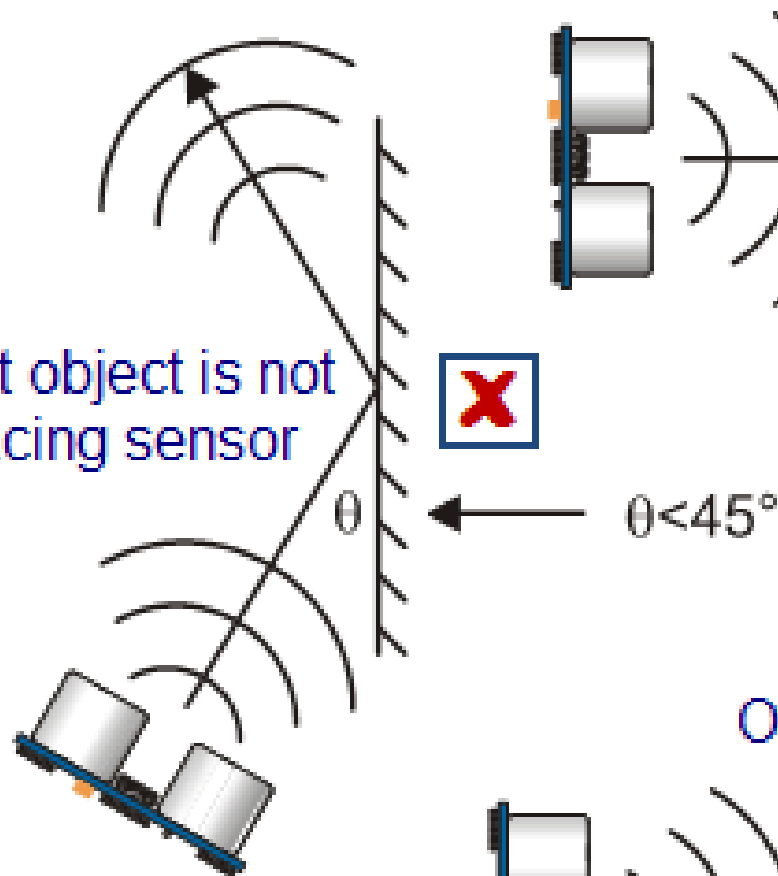
Figure 1. MUSSE model



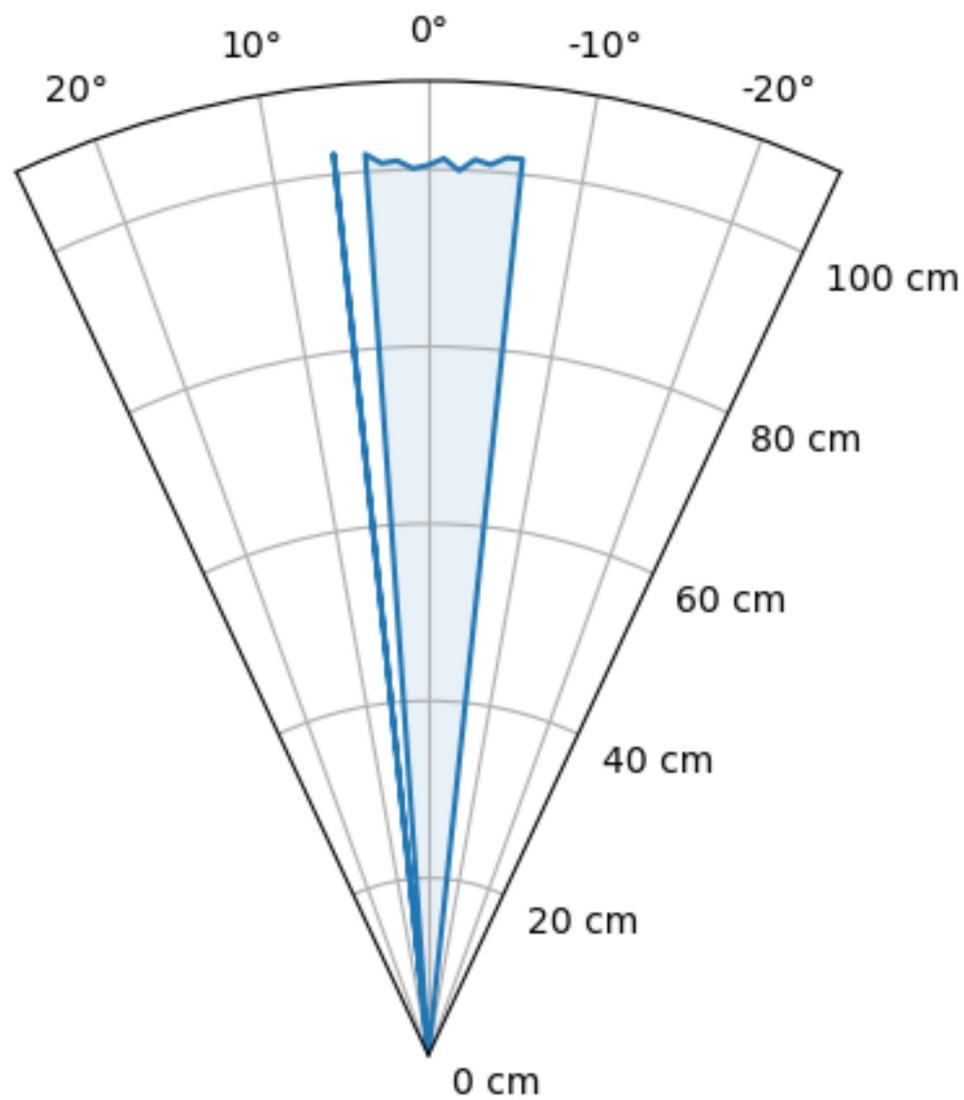
Faixa de medição: 2cm a 400cm
Ângulo de medição: 30°
Frequência do sinal: 40KHz



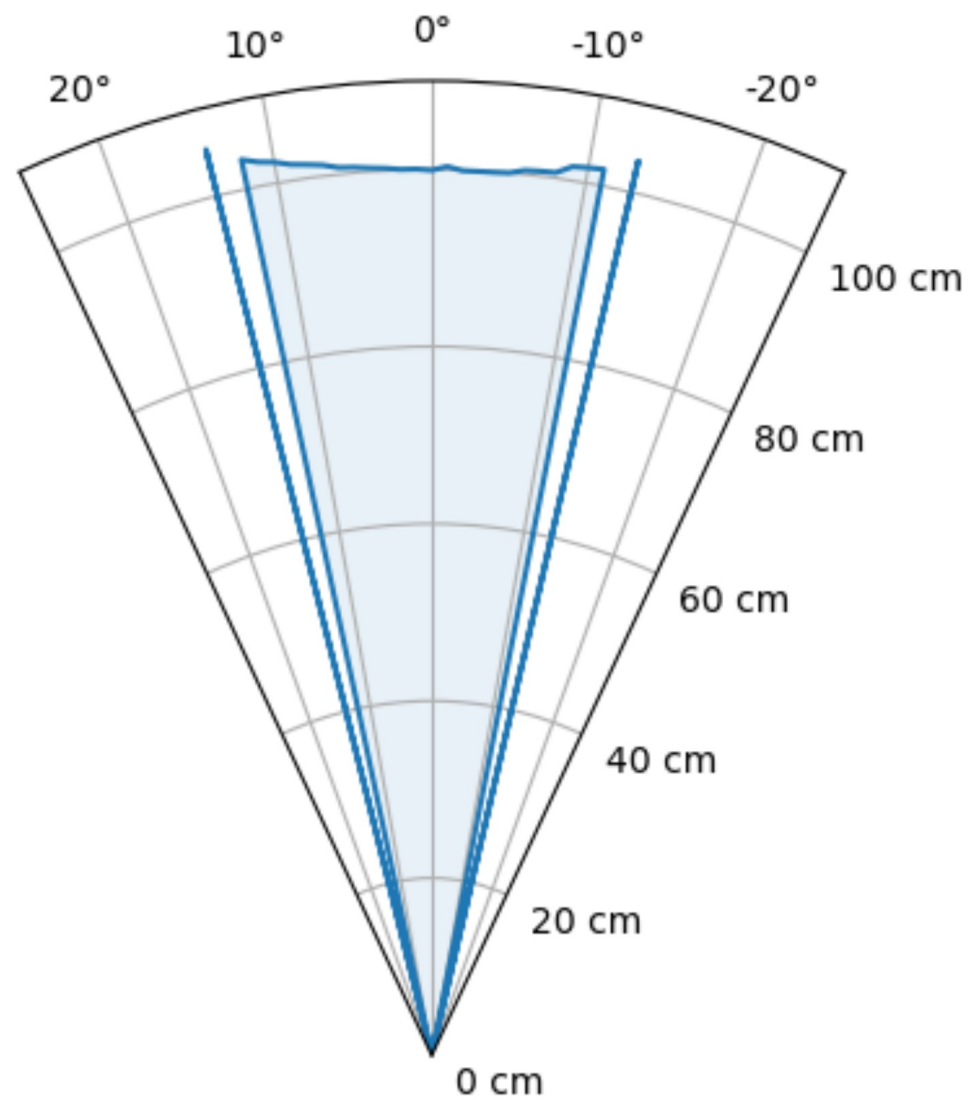
Flat object is not facing sensor

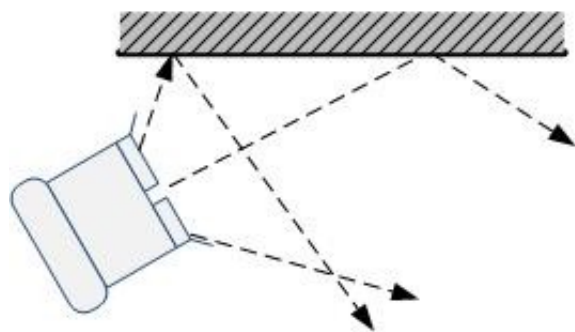


(a) 75 mm cylinder

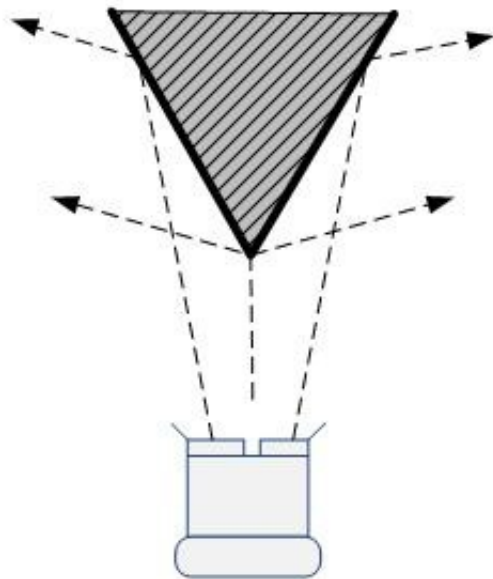


(b) 120 mm cylinder

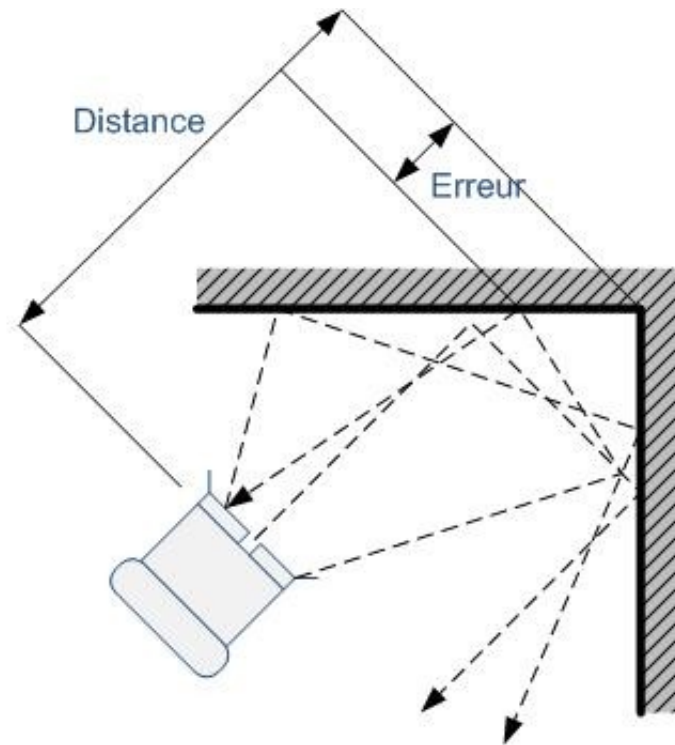




Cas n°4



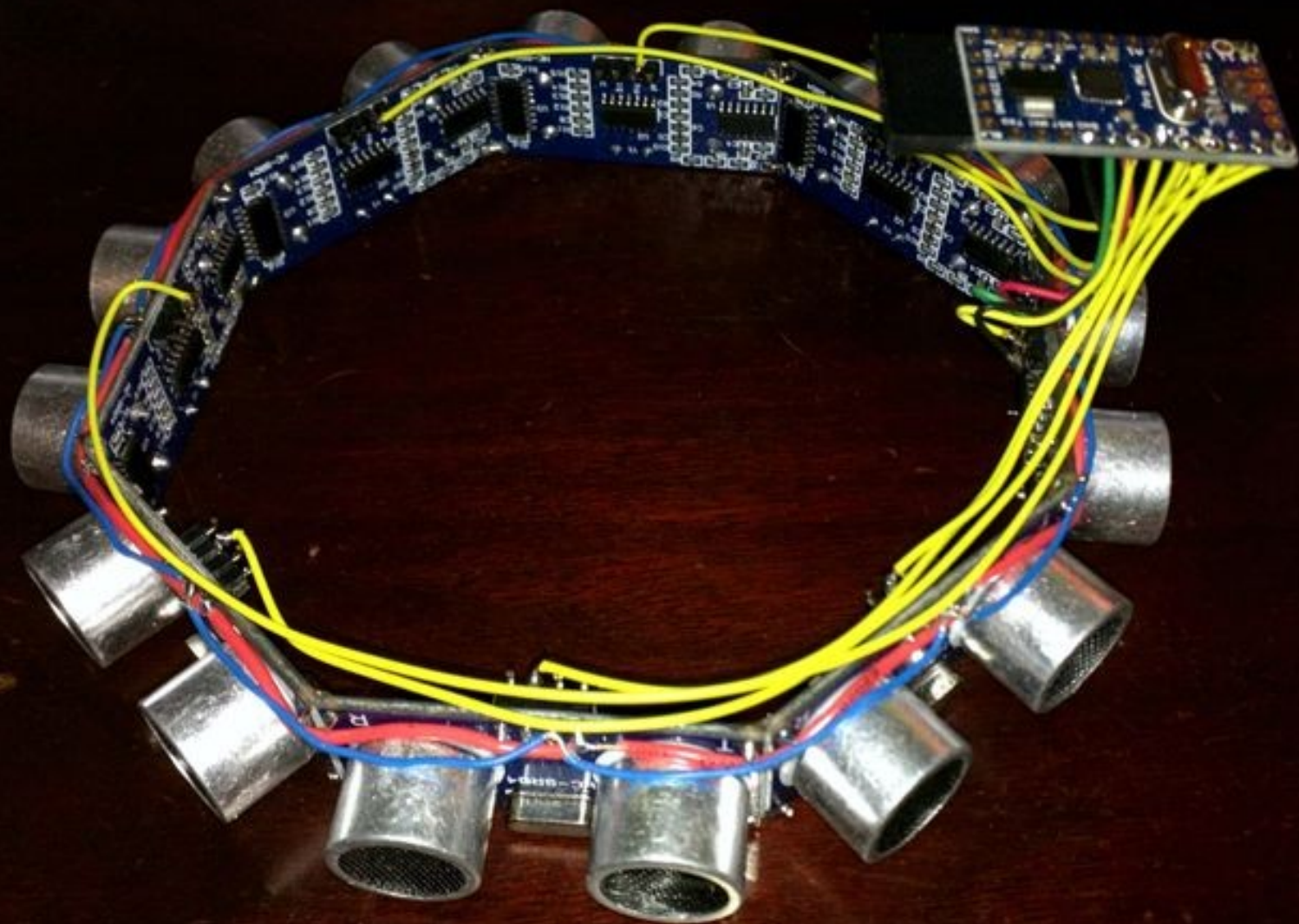
Cas n°5

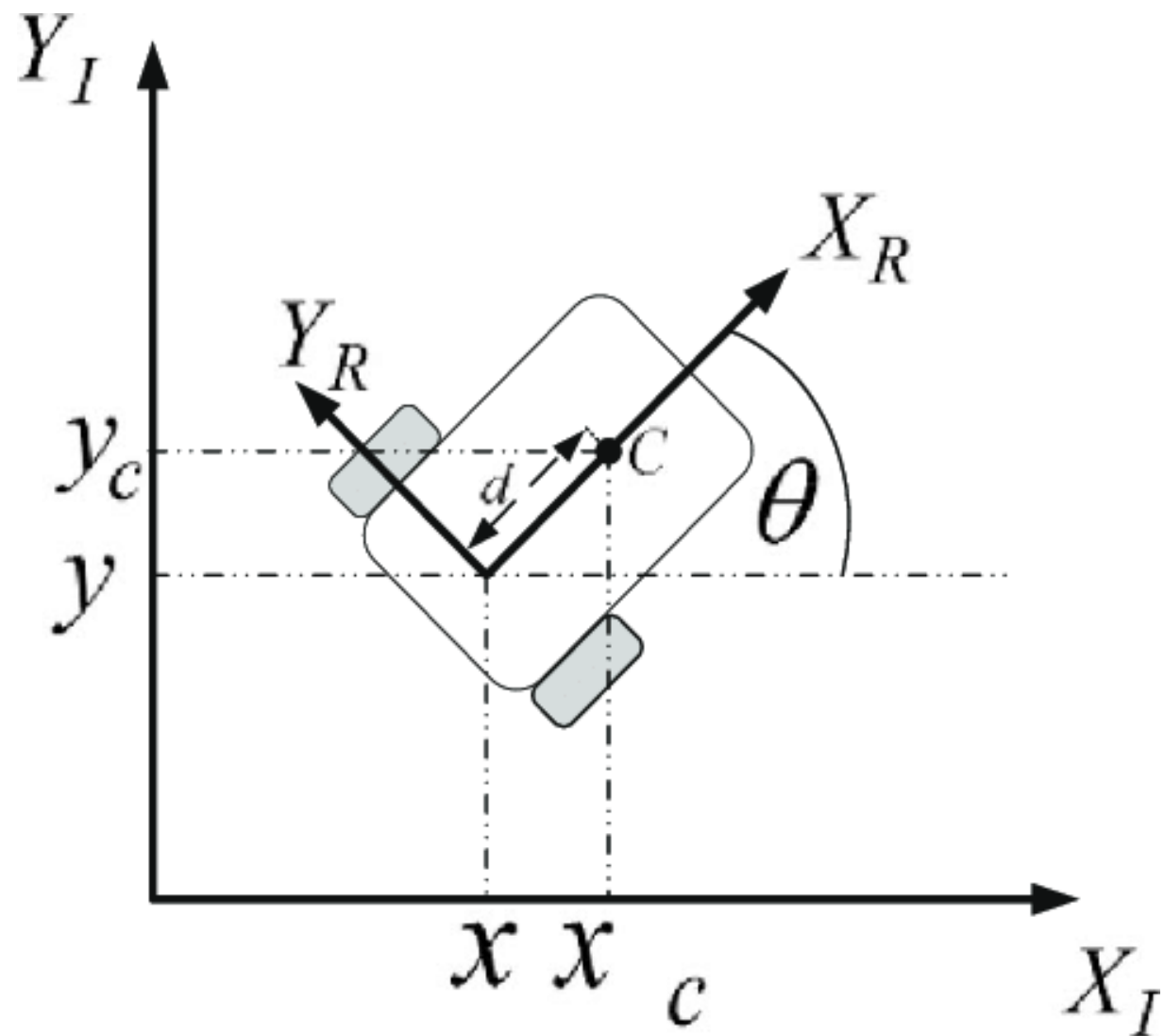


Cas n°6



MAPPING AND POST PROCESSING ULTRASONIC SENSOR

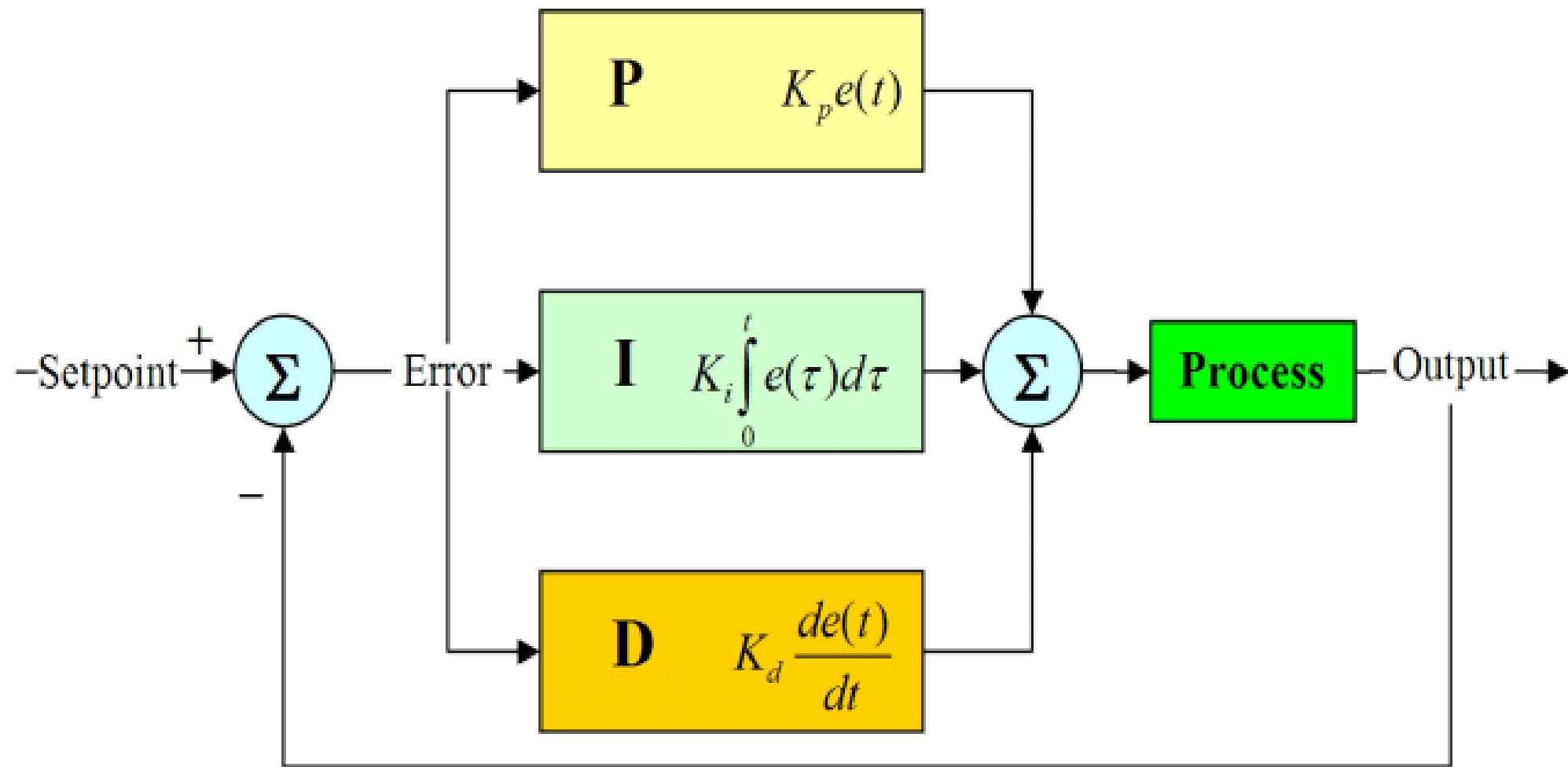


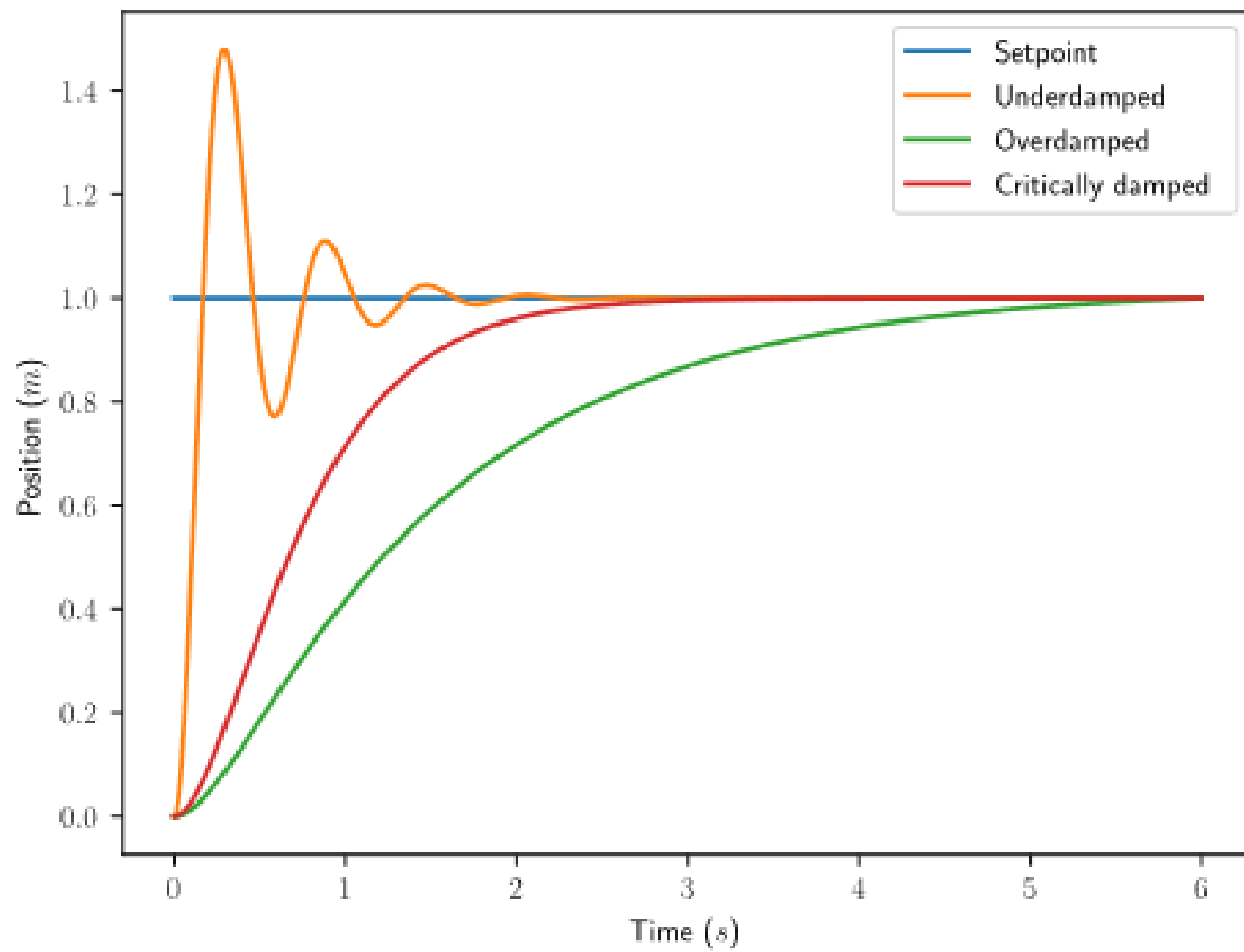




RPM







ALGORITMO...

P I B

(CANETA FALHANDO, ACEITO DOAÇÕES!)

