Example Setting of Detection Cuboid

P_1:(500, 900, 800)

Y

X

1m

Threshold$_{0,1}$: 100, -80

Z

1m

50cm

50cm

30cm

10cm

P_0:(-500, -100, 500)

Detection Cuboid #0/1

Mobile Robot
(Image)
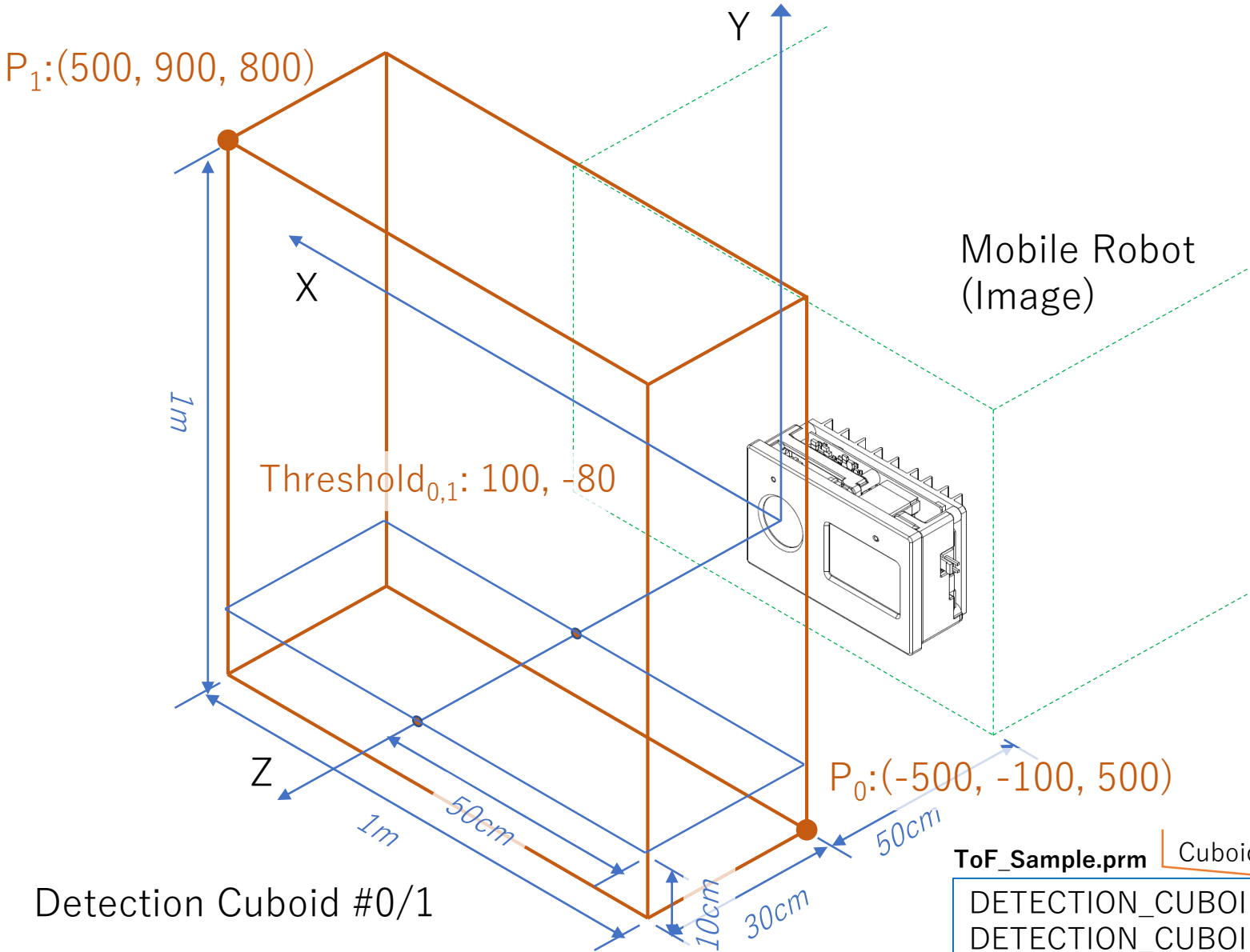
GPIO pins on Raspberry Pi

Output
(GPIO7)

GND
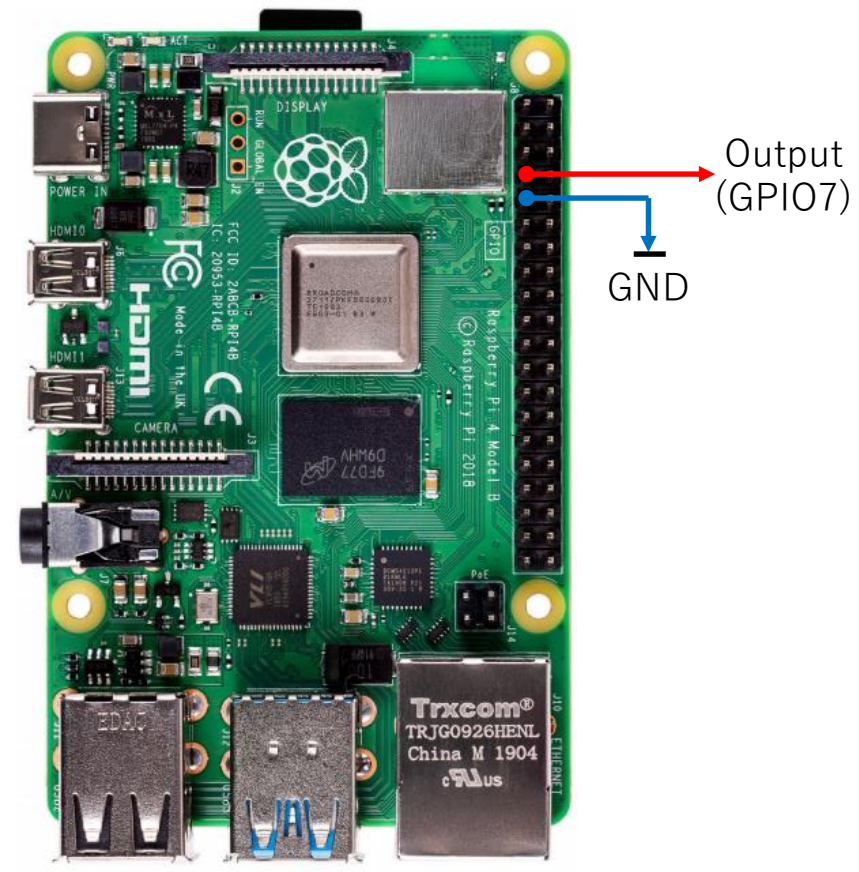
ToF_Sample.prm

Cuboid No.	$P_0(x_0, y_0, z_0)$	$P_1(x_1, y_1, z_1)$	Threshold	Command
DETECTION_CUBOID=0,	-500,-100,500	500,900,800	100	gpio write 7 1
DETECTION_CUBOID=1,	-500,-100,500	500,900,800	-80	gpio write 7 0