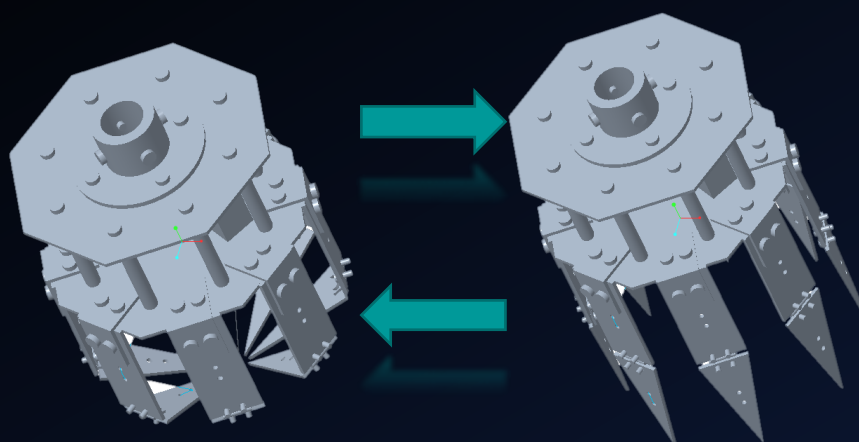


C班 基礎研究

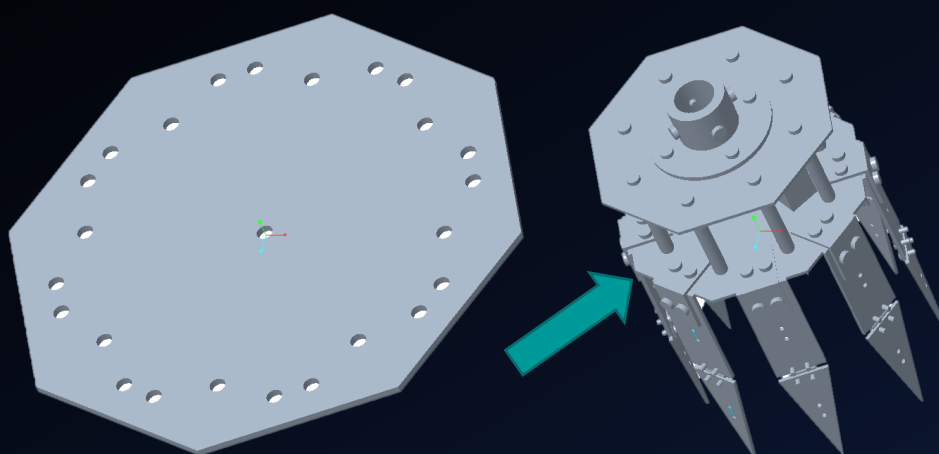
人樹太志也樹
惟元湯隆敦佑
隅谷口尾宅岡
有福城松三吉
番番番番番番
1
29
31
32
33
39

製品概要

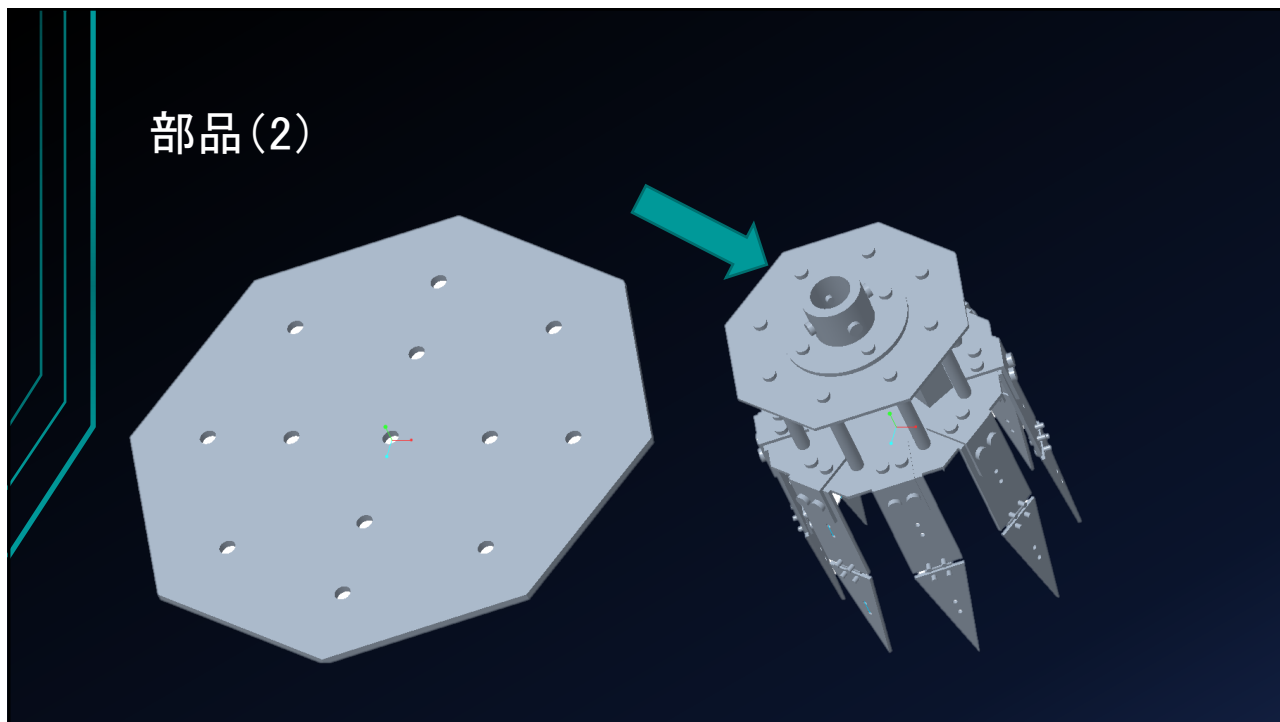
機械設計



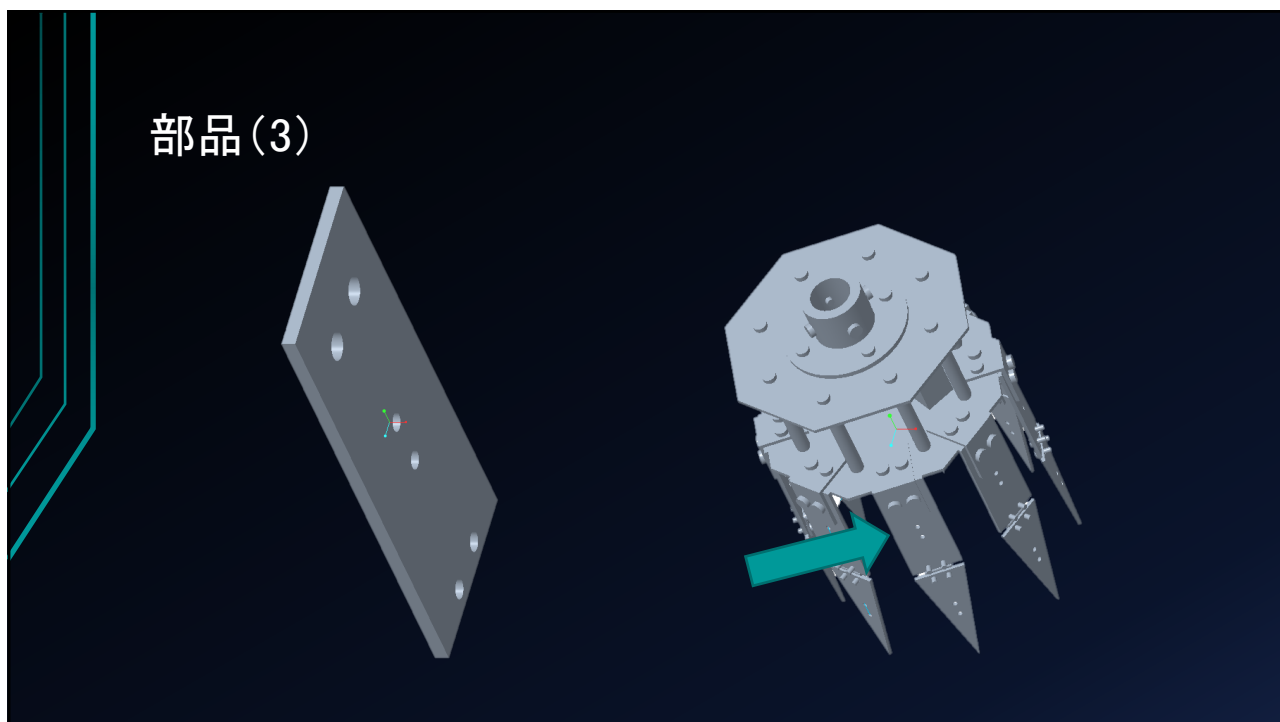
部品(1)



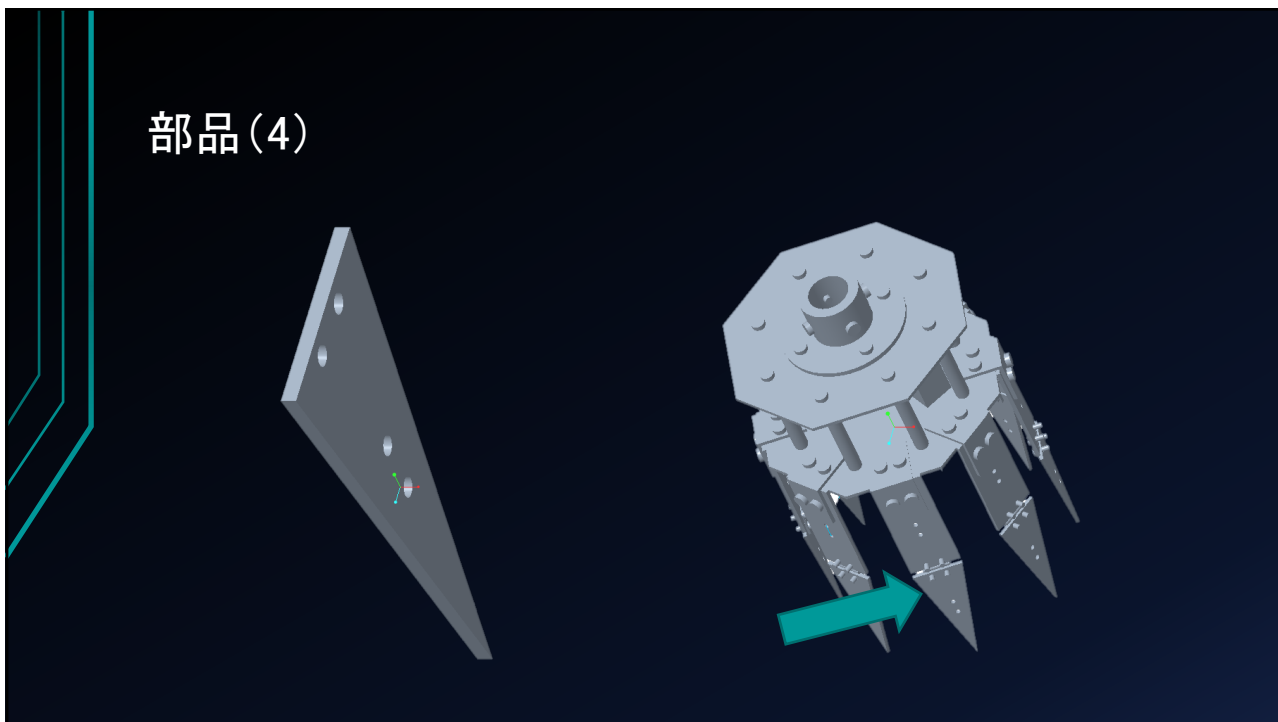
部品(2)



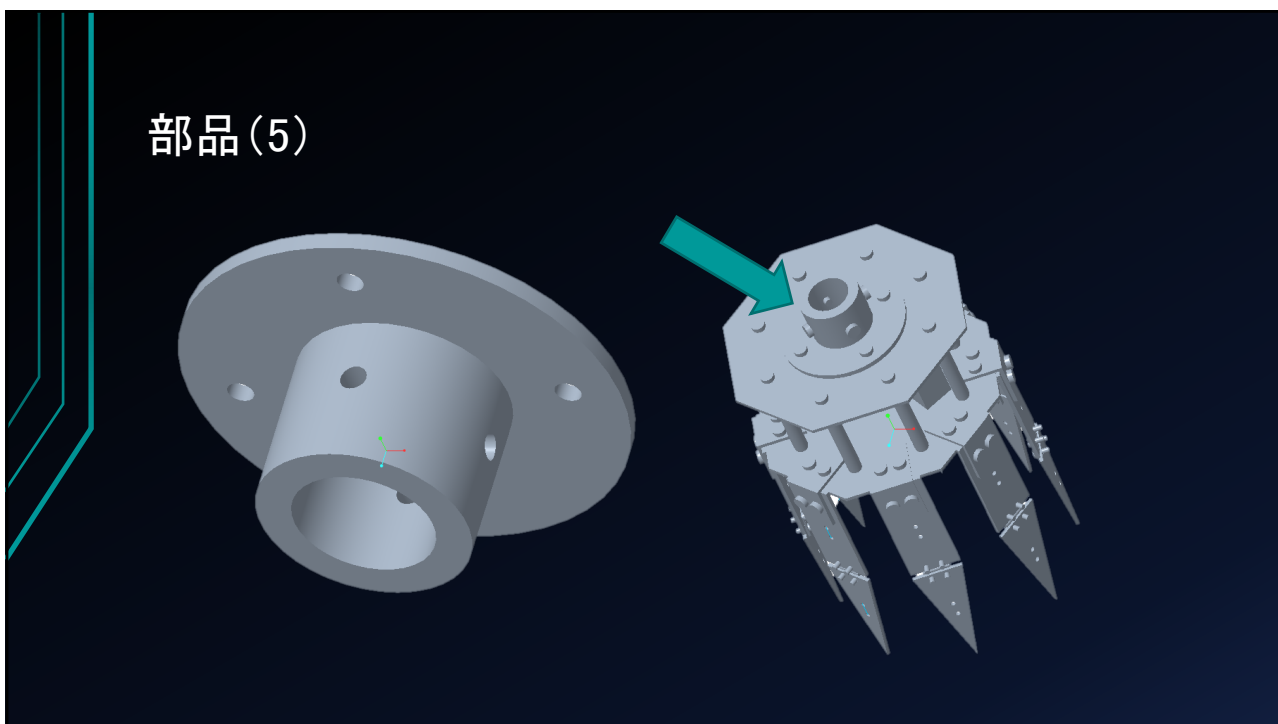
部品(3)



部品(4)

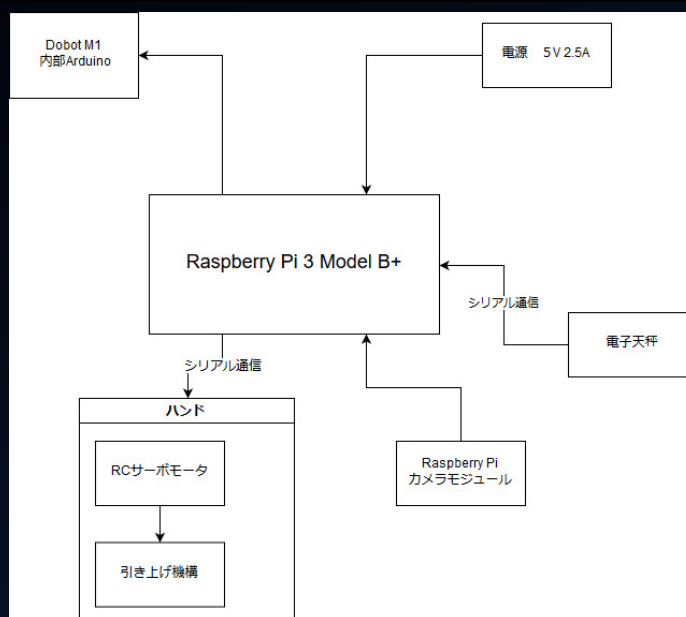


部品(5)



電気設計

使用言語 : Python3



システム構成図

処理の手順



4.対象物をハンドでつかみ運ぶ



5.重量を送信



6.送られてきた重さから
処理を決定する

2.対象物の座標を算出

1.フィールドの画像



7.6で処理したデータ
3.対象物の座標データ



電子天秤(シリアル通信)

```

1 import serial
2
3 ser = serial.Serial("COM6",baudrate=9600,parity=serial.PARITY_NONE)
4
5 while True:
6     line = ser.readline()
7     print(line)
8 ser.close()
9 |

```

```

b'{0,16,~0,1,MO,"TL-280",Wg,213,Pt,0\r\n'
b'{0,16,~0,1,MO,"TL-280",Wg,213,Pt,0\r\n'
b'{0,16,~0,1,MO,"TL-280",Wg,239,Pt,0\r\n'
b'{0,16,~0,1,MO,"TL-280",Wg,457,Pt,0\r\n'

```

```

b'{0,16,~0,1,MO,"TL-280",Wg,213,Pt,0\r\n'
b'{0,16,~0,1,MO,"TL-280",Wg,213,Pt,0\r\n'
b'{0,16,~0,1,MO,"TL-280",Wg,239,Pt,0\r\n'
b'{0,16,~0,1,MO,"TL-280",Wg,457,Pt,0\r\n'
b'{0,16,~0,1,MO,"TL-280",Wg,239,Pt,0\r\n'
b'{0,16,~0,1,MO,"TL-280",Wg,952,Pt,0\r\n'
b'{0,16,~0,1,MO,"TL-280",Wg,239,Pt,0\r\n'
b'{0,16,~0,1,MO,"TL-280",Wg,239,Pt,0\r\n'
b'{0,16,~0,1,MO,"TL-280",Wg,213,Pt,0\r\n'
b'{0,16,~0,1,MO,"TL-280",Wg,134,Pt,0\r\n'
b'{0,16,~0,1,MO,"TL-280",Wg,213,Pt,0\r\n'
b'{0,16,~0,1,MO,"TL-280",Wg,162,Pt,0\r\n'

```