

区間で速さを変えたい時

どうするか🤔

Machine.cppの一部 (42行目あたり)

```
1 // ここで値を取る
2 leftCounts = ev3_motor_get_counts(EV3_PORT_C);
3 auto brightness = controller.getBrightness();
4 if (leftCounts < 2000) {
5 // forward値、turn値の設定
6 onOffController.setParam((black + white) / 2, 50, 10);
7 } else if (leftCounts < 4000) {
8 // forward値、turn値の設定
9 onOffController.setParam((black + white) / 2, 10, 10);
10 }
11 onOffController.calcurate(brightness, leftPwm, rightPwm);
12 controller.leftWheel.setPWM(leftPwm);
13 controller.rightWheel.setPWM(rightPwm);
```

回転数を取得

取得した値に応じてif文で分岐

スピードの制御

Machine.cppにif文を追加したコード

```
1 int leftPwm = 0;
2 int rightPwm = 0;
3 int leftCounts = 0;
4 while (1) {
5     if (controller.buttonIsPressedBack() == true) {
6         controller.ts1pTsk(500); /* 500msecウェイト */
7
8         controller.leftWheel.setPWM(0);
9         controller.rightWheel.setPWM(0);
10        break;
11    }
12    // ここで値を取る
13
14    leftCounts = ev3_motor_get_counts(EV3_PORT_C);
15    auto brightness = controller.getBrightness();
16    if (leftCounts < 2000) {
17        // forward値、turn値の設定
18
19        onOffController.setParam((black + white) / 2, 50, 10);
20    } else if(leftCounts < 4000) {
21        // forward値、turn値の設定
22
23        onOffController.setParam((black + white) / 2, 10, 10);
24    }
25    onOffController.calcurate(brightness, leftPwm, rightPwm);
26    controller.leftWheel.setPWM(leftPwm);
27    controller.rightWheel.setPWM(rightPwm);
28    controller.ts1pTsk(4);
29 }
```

追加

追加

14~20行まで

追加