



Código mas abajo

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V

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// C++ code

void setup()

{
    pinMode(A0, INPUT);
    pinMode(9, OUTPUT);
    pinMode(11, OUTPUT);
    pinMode(10, OUTPUT);
}

void loop()

{
    if ((-40 + 0.488155 * (analogRead(A0) - 20)) < 8) {
        analogWrite(9, 51);
        analogWrite(11, 102);
        analogWrite(10, 255);
    } else {
        if ((-40 + 0.488155 * (analogRead(A0) - 20)) < 18) {
            analogWrite(9, 51);
            analogWrite(11, 255);
            analogWrite(10, 51);
        } else {
            if ((-40 + 0.488155 * (analogRead(A0) - 20)) < 28) {
                analogWrite(9, 255);
                analogWrite(11, 255);
                analogWrite(10, 0);
            } else {
                analogWrite(9, 255);
                analogWrite(11, 0);
                analogWrite(10, 0);
            }
        }
    }

    delay(10); // Delay a little bit to improve simulation performance
}

```