

Appendices

```
//EXAMPLE 4 SENSOR
const int sensorpin1=A0;
const int sensorpin2=A1;
const int sensorpin3=A2;
const int sensorpin4=A3;
int A;
int B;
int C;
int D;
int R;
int V;
void setup()
{
  Serial.begin(9600);
}
void loop()
{
  A=analogRead(sensorpin1);
  B=analogRead(sensorpin2);
  C=analogRead(sensorpin3);
  D=analogRead(sensorpin4);
  Serial.print("A=");
  Serial.print(A);
  delay(400);
  Serial.print("B=");
  Serial.print(B);
  delay(400);
```

```
Serial.print("C=");  
Serial.print(C);  
delay(400);  
Serial.print("D=");  
Serial.print(D);  
delay(400);  
R=A-C;  
Serial.print("R=");  
Serial.print(R);  
delay(400);  
V=B-D;  
Serial.print("V=");  
Serial.println(V);  
delay(400);  
}
```