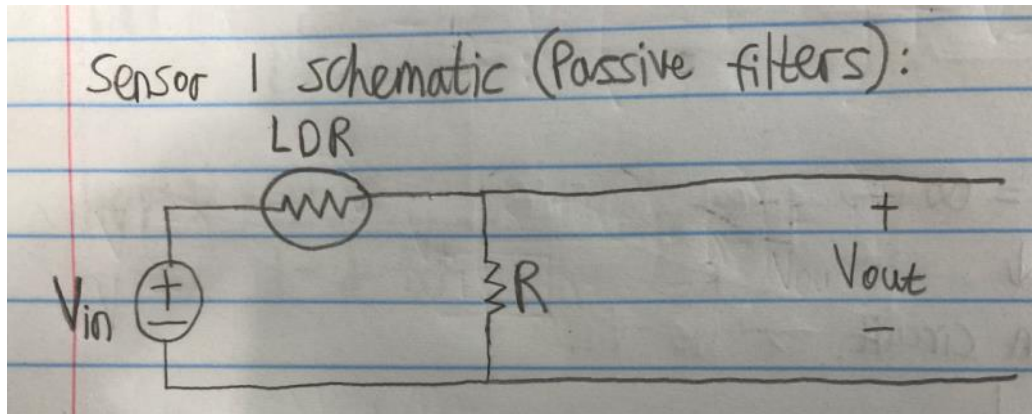


Sensor 1 (Light-Dependent Resistor or Photoresistor)

Sunday, April 16, 2023 8:53 PM

A photoresistor is a light-dependent resistor (LDR). Its behavior involves having an inverse proportional relationship between its resistance the intensity of light received. Put more simply, during the light incident upon the photoresistor, more electrons start to flow, resulting in a decrease in resistance.



(Continued to Next Page for Sensor 2)

Sensor 2 (Flex Sensor)

Monday, April 17, 2023 8:55 AM

Some capabilities include:

1. It can measure angle displacement.
2. It can bend or flex with a motion or moving device in terms of physical movements

Applications might include:

- Robotics
- Gaming (Virtual Motion)
- Medical Devices
- Computer Peripherals
- Musical Instruments
- Physical Therapy

This is the idea that I will come up for the Flex Sensor:

