Electronics Foundations: Basic Circuits

with Barron Stone



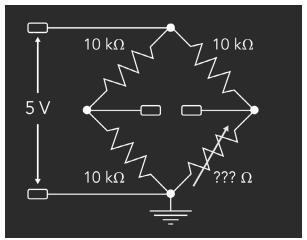
Wheatstone Bridge Circuit

This circuit demonstrates how a Wheatstone bridge can be used to measure the resistance of an unknown resistive element by measuring the differential voltage between the two halves of the bridge.

Components

- 5 V power source
- 3x 10 kΩ resistors
- Unknown resistor (used a trimpot)

Schematic



Circuit

