Simon Popecki  
5, March 2017  
ME 646

LAB 3 – STRAIN GAUGES AND VIBRATION

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Ink Drawings
BEAM AND STRAIN GAUGE RESPONSE

**Diagram of the Physical Setup:**

**Determination of Bridge Sensitivity Using Shunt Resistors:**

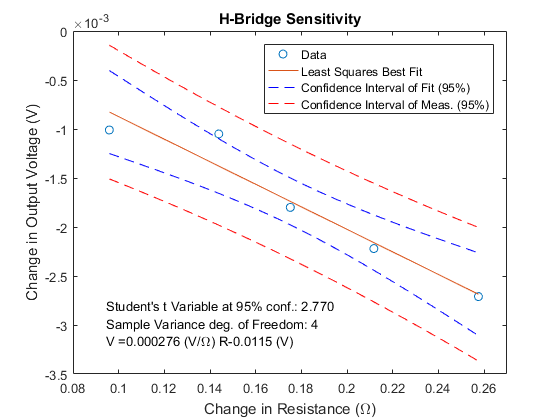


Figure – Experimental response of the Wheatstone bridge. The large confidence interval was caused by an anomalous point, data for subsequent portions of this experiment will be borrowed from Jesse Feng.

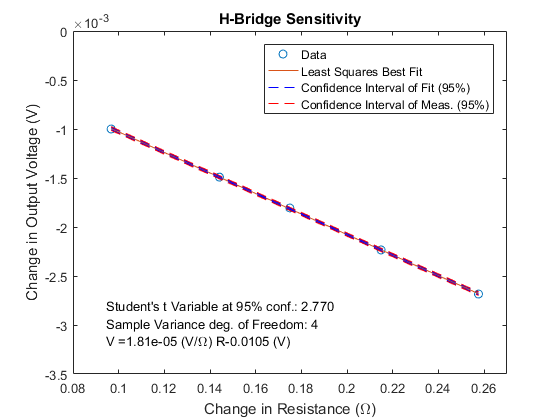


Figure – The data of Figure 1 were replaced with cleaner data.

Comparison of the