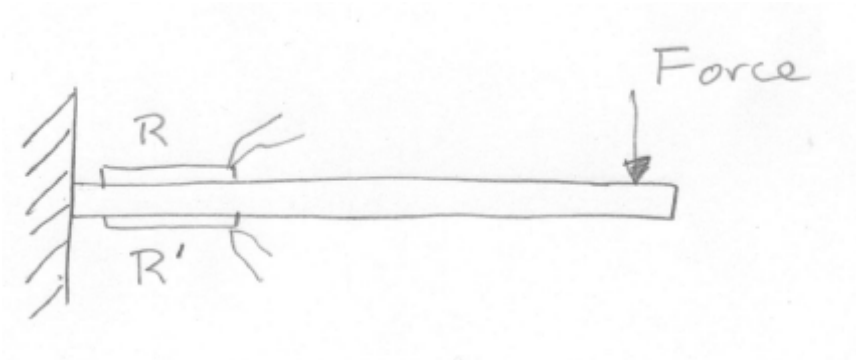


HW #6
ME104
Due Friday 11/13 at 5pm
(in box outside of CAD Lab)

Problem 1. Sketch the masks for a 3-bit Gray code and a 5-bit Gray code a format similar to the that in the top half of Figure 9.13 in the text.

Problem 2. A metal beam under a bending load is instrumented with two identical strain gauges (with resistances R and R') as shown. What is the best way to incorporate the two strain gauges in a Wheatstone bridge? Keep in mind that their resistances are temperature sensitive to some extent.



Problems 9.9, 9.13, 9.15 in the text.