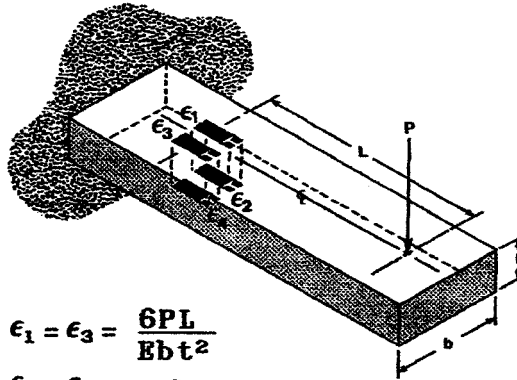


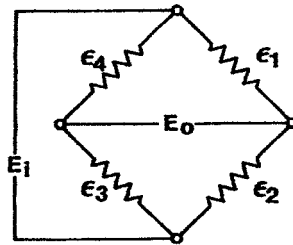
BENDING

Full Bridge



$$\epsilon_1 = \epsilon_3 = \frac{6PL}{Ebt^2}$$

$$\epsilon_2 = \epsilon_4 = -\epsilon_1$$



$$\frac{E_o}{E_i} = F\epsilon_1$$

This four-gage version is the most popular bending beam configuration. The linear bridge output is twice that of the preceding half-bridge version. Note that the two gages on the top surface are in opposite arms of the Wheatstone bridge, as are the two gages on the bottom surface.

