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strain is then $\epsilon_x = ds/dx$ $\epsilon_y = dy/dy$ (4.2) From basic calculus, the radius of curvature of a planar curve is given by $\rho = 1 + (dy/dx)^2 / 2 dx^2$ (4.3) Flexure Elements. Dr. Hutton was my professor for M.E. 474 [Finite Element Analysis] elective counting towards a Masters in Mechanical Engineering.

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