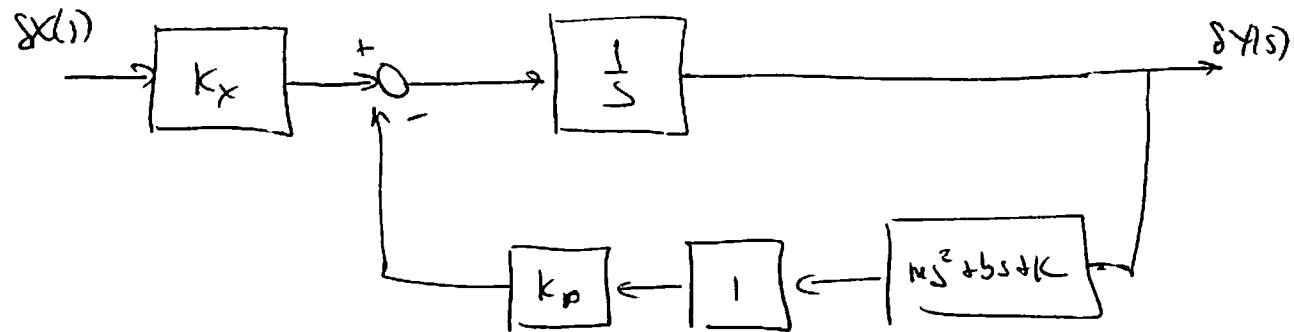
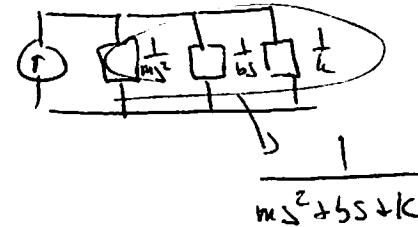


$$A = 1$$



$$\frac{\delta y(s)}{\delta x(s)} = k_x \frac{\frac{1}{s}}{1 + \frac{1}{s} \left(\frac{m_s^2 + bs + k}{m_s^2 + bs + k} \right)} = \frac{k_x}{k_p m s^2 + (k_p b + 1) s + k_p k}$$