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Incremental, state cans

$$h_1 = h_{10} + h_1, \quad h_{12} = h_{12} \quad q = 9_{0} + 9_{10}$$

$$A h_1 = 9_{0} - P_{1} \sqrt{h_{11} - h_{2}}$$

$$= 9_{0} - P_{1} \sqrt{(h_{10} - h_{20}) + h_{11} - h_{2}} + 9_{0}$$

$$A h_1 = 9_{0} - P_{1} \sqrt{\frac{9_{12}^{2}}{P_{12}^{2}} + (h_{11} - h_{2})} + 9_{0}$$

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$$A h_2 = 9_{0} + 9_{0} \sqrt{\frac{9_{12}^{2}}{P_{12}^{2}} + \frac{9_{0}^{2}}{P_{12}^{2}}}$$

$$= 9_{0} + (h_{11} - h_{2})P_{1}^{2} - 9_{2} \sqrt{\frac{9_{12}^{2}}{P_{10}^{2}}} + h_{2}$$

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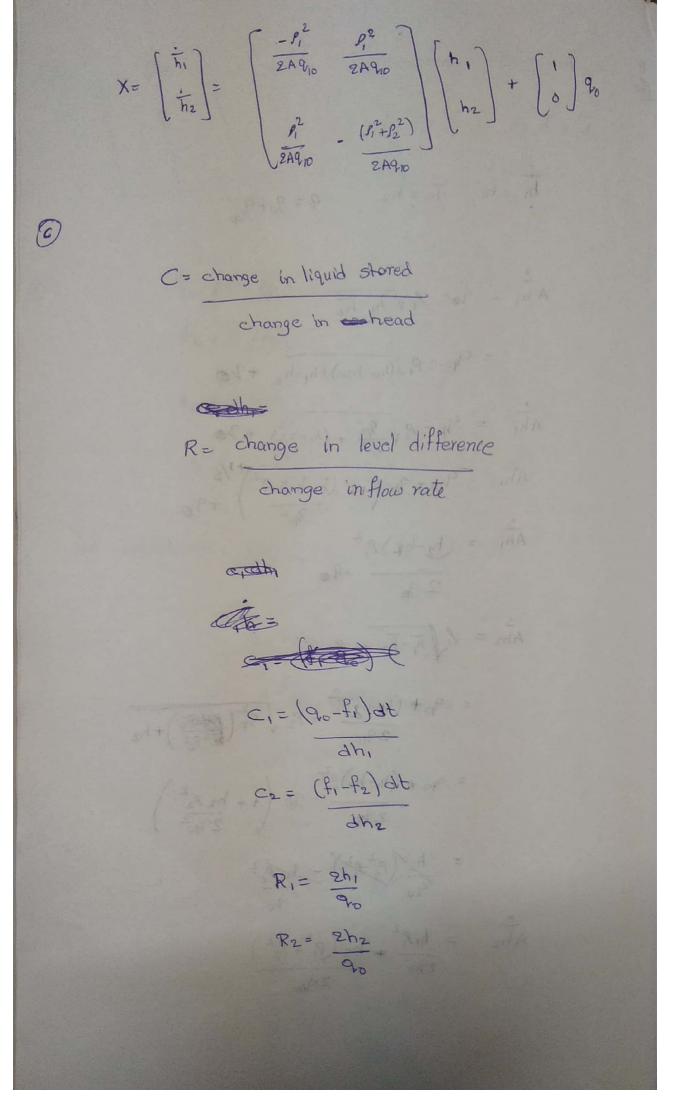
$$= 9_{0} + (h_{11} - h_{2})P_{1}^{2} - h_{2} \sqrt{\frac{9_{12}^{2}}{P_{10}^{2}}} + h_{2}$$

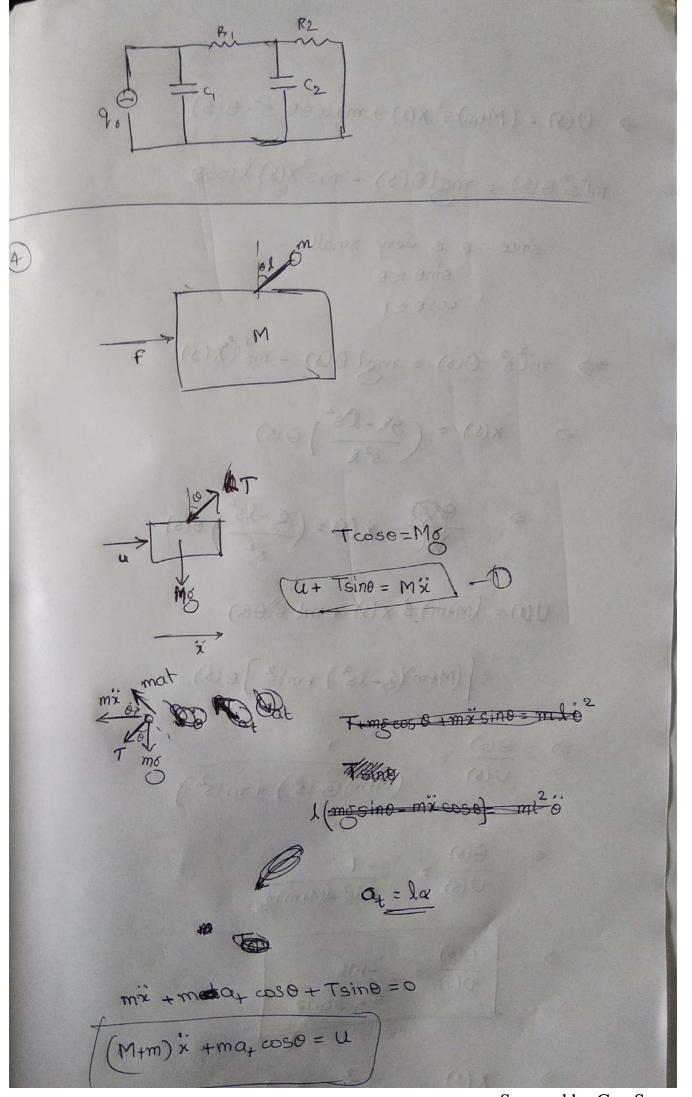
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$$| U(s) | = (M+m)s^{2} \chi(s) + ml \cos \theta \cdot s^{2} \cdot \theta(s)$$

$$| m|^{2}s^{2}\theta(s) | = mg(\theta(s) - ms^{2}\chi(s)) \cdot \cos \theta$$

$$| since e | s | very | small$$

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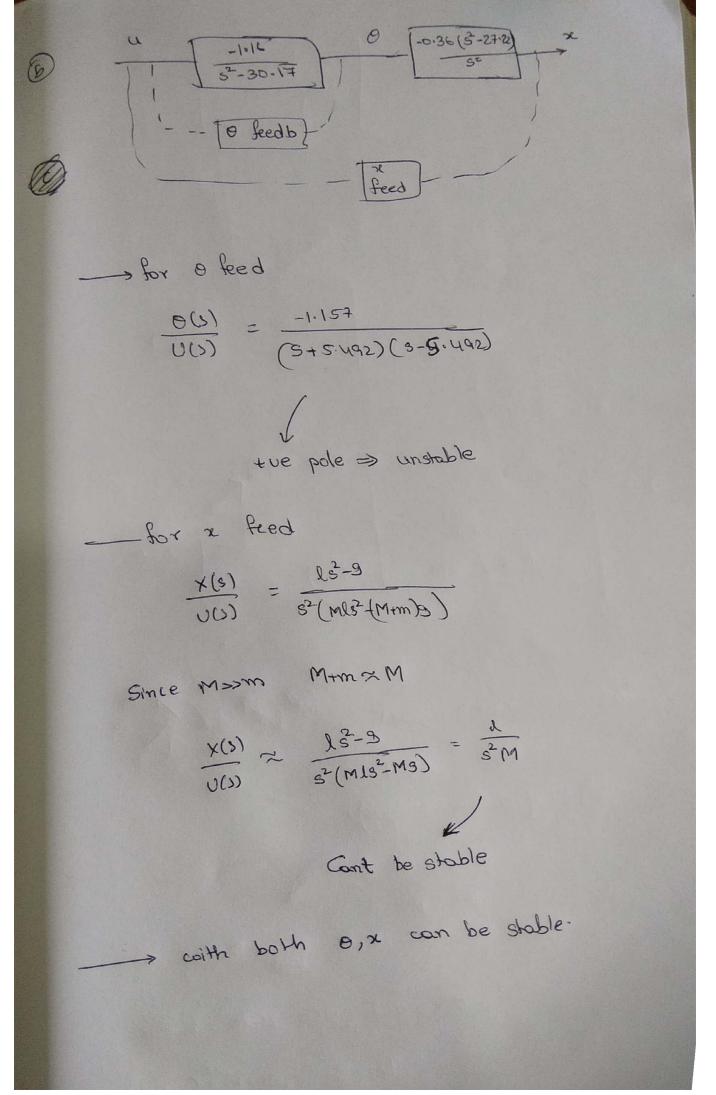
$$| since e | s | very | small$$

$$| x(s) | = (\frac{9k - k^{2}}{s^{2}k}) \theta(s)$$

$$| x(s) | = (\frac{9k - k^{2}}{s^{2}}) \theta(s)$$

$$| x(s) | = (\frac{8 - k^{2}}$$

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