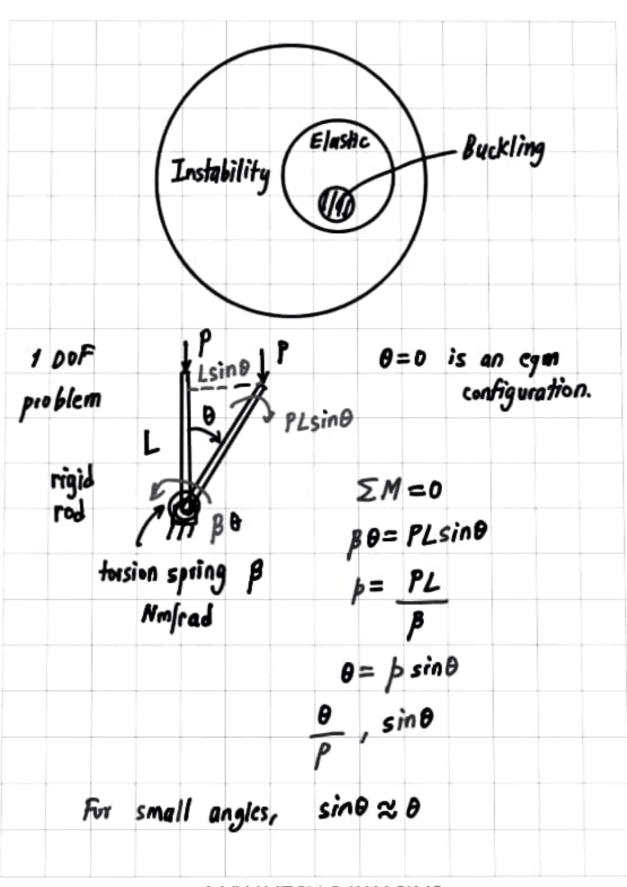


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DNYANESH PAWASKAR

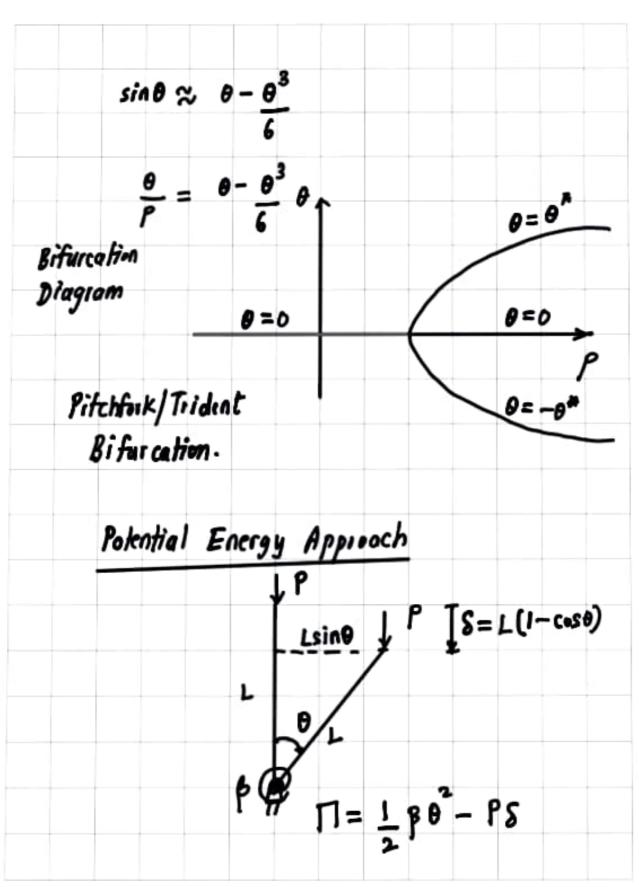
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$$\theta = \beta \theta$$
 $\theta = 0$
 θ indeterminate $\Leftrightarrow \beta = 1 \Rightarrow another$
 eqm position exists
 $P = \beta$ critical/buckling load.

Indeterminate angular disp is on artefact of the limenization.

 $\theta = p \theta$, $\beta = p \theta$

1D eigenvalue problem. $A = b = b = b$
which a system in state equal has non-trivial solutions (in addition to the trivial/zero solution).



$$\Pi(\theta) = \frac{1}{2} \beta \theta^{2} - PL (1-\cos\theta)$$

$$= \frac{1}{2} \beta \theta^{2} - P L (1-\cos\theta)$$

$$= \beta \left[\frac{1}{2} \theta^{2} - p(1-\cos\theta) \right]$$

$$= \beta \left[\frac{1}{2} \theta^{2} - p(1-\cos\theta)$$

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