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Eq.(2.5.5) can be written in the form. $m\ddot{y}(t)+c\dot{y}(t)+k y(t)=p(t)$ (2.5.6) This has the same form as the equation for a simple SDOF system. m, c, k and $p(t)$ are called the generalized mass, generalized damping coefficient, generalized stiffness and.

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Comments (0) 1. Compute lateral stiffness of the one story frame with an intermediate realistic stiffness of the beam. The system has 3 DOFs as shown. Assume $L = 2h$ and $EI_b = EI_c$. ANS:- Question 2:
...

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