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

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ETABS\_Fundamentals of Structural Dynamics, Week 2: Shashank updated on Dec 13, 2020, 11:43am IST 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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