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Selected Publications:

- A.K.L. Srivastava and P.K. Datta, "Elastic stability of square stiffened plates with cutouts under biaxial loading", Journal of Applied Mechanics and Engineering, Vol. 11, No. 2, pp 421-433, 2006
- Srivastava AKL, Datta PK and Sheikh AH (2004), Parametric instability of stiffened plates, Int. J. of Applied Mechanics and Engineering, 9 (1), 169-180.
- Srivastava A.K.L., Datta P.K. and Sheikh A.H. (2002): Vibration and dynamic stability of stiffened plates subjected to in-plane harmonic edge loading. – International J of Structural Stability and Dynamics, vol.2, No.2, pp.185-206.
- Srivastava AKL, Datta PK and Sheikh AH (2003), Dynamic stability of stiffened plate with cutout subjected to in-plane uniform edge loading, Int. J. of Structural stability and dynamics, 3(3), 391-404.
- Srivastava A.K.L., Datta P.K. and Sheikh A.H. (2003): Buckling and vibration of stiffened plates subjected to partial edge loading. – International Journal of Mechanical Sciences, vol.45, No.1, pp.73-93.
- Srivastava A.K.L., Datta P.K. and Sheikh A.H. (2003): Dynamic stability of stiffened plates subjected to non-uniform harmonic in-plane edge loading. – Journal of Sound and Vibration, vol.262, No.5, pp.1171-1189.

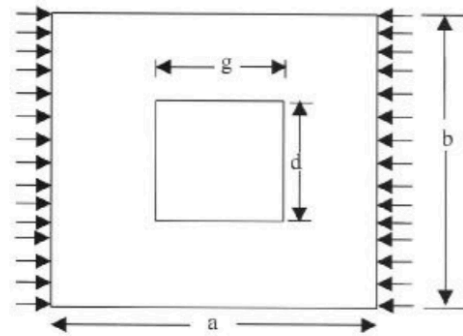


Fig.1. Stiffened plates with cutout under in plane uniform edge loading at plate boundary.

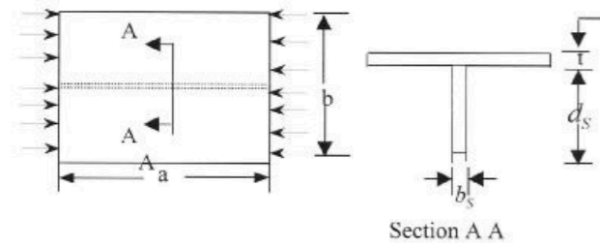


Fig.2. Stiffened plate cross-section.

From: A.K.L. Srivastava and P.K. Datta, "Elastic stability of square stiffened plates with cutouts under biaxial loading", Journal of Applied Mechanics and Engineering, Vol. 11, No. 2, pp 421-433, 2006