

BIBLIOGRAPHY

- Autar K. Kaw. *Mechanics of composite materials*. Boca Raton: Taylor & Francis Group, LLC., 2006.
- Bercin A.N., Free vibration solution for clamped orthotropic plates using the extended Kantorovich method. *Journal of Sound and Vibration*. 1996; 196(2): 243-247.
- Bhat R.B., Singh J., Mundkur G., Plate characteristic functions and natural frequencies of vibration of plates by iterative reduction of partial differential equation. *Journal of Vibration and Acoustics*. 1993; 115: 177-181.
- Chakraverty Snehashish. *Vibration of plates*. United States of America: PWS-KENT Publishing Company, 1993.
- Dalai M., Kerr A.D., Natural vibration analysis of clamped rectangular orthotropic plates. *Journal of Sound and Vibration*. 1996; 189(3): 399-406.
- Erdogan Madenci, Ibrahim Guren. *The finite element method and applications in engineering using ANSYS®*. United States of America: Springer Science + Business Media, LLC., 2006.
- Isaac M. Daniel, Ori Ishai. *Engineering mechanics of composite materials*. New York: Oxford University Press, 1994.
- Laszlo P. Kollar, George S. Springer. *Mechanics of composite structures*. United States of America: Cambridge University Press, 2003.
- Lee J.M., Chung J.H., Chung T.Y., Free vibration analysis of symmetrically laminated composite rectangular plates. *Journal of Sound and Vibration*. 1997; 199(1): 71-85.
- Lee J.M., Kim K.C., Vibration analysis of rectangular isotropic thick plates using mindlin plate characteristic functions. *Journal of Sound and Vibration*. 1995; 187(5): 865-877.
- Rajalingham C., Bhat R.B., Xistris G.D., Closed form approximation of vibration modes of rectangular cantilever plates by the variational reduction method. *Journal of Sound and Vibration*. 1996; 197(3): 263-281.

- Rajalingham C., Bhat R.B., Xistris G.D., Vibration of rectangular plates by reduction of the plate partial differential equation into simultaneous ordinary differential equations. *Journal of Sound and Vibration.* 1997; 203(1): 169-180.
- Rajalingham C., Bhat R.B., Xistris G.D., Vibration of rectangular plates using plate characteristic functions as shape functions in the Rayleigh-Ritz method. *Journal of Sound and Vibration.* 1996; 193(2): 497-509.
- Rao J.S. *Dynamics of plates.* New Delhi: Narosa Publishing House, 1999.
- Reddy J.N. *Mechanics of laminated composite plates and shells theory and analysis.* Boca Raton: CRC Press LLC., 2004.
- Rudolph Szilard. *Theories and applications of plate analysis.* United States of America: John Wiley & Sons, Inc., 2004.
- Sakata T., Takahashi K., Bhat R.B., Natural frequencies of orthotropic rectangular plates obtained by iterative reduction of the partial differential equation. *Journal of Sound and Vibration.* 1996; 189(1): 89-101.
- Shufrin I., Eisenberger M., Stability and vibration of shear deformable plates – first-order and higher-order analysis. *International Journal of Solids and Structures.* 2005; 42: 1225-1251.
- Shufrin I., Eisenberger M., Vibration of shear deformable plates with variable thickness – first-order and higher-order analysis. *Journal of Sound and Vibration.* 2006; 290: 465-489.
- Singiresu S. Rao. *Mechanical vibrations.* Singapore: Pearson Education, Inc., 2004.
- Timoshenko S., Woinowsky-Krieger S.. *Theory of plates and shells.* New York: McGraw-Hill Book Company, Inc., 1959.