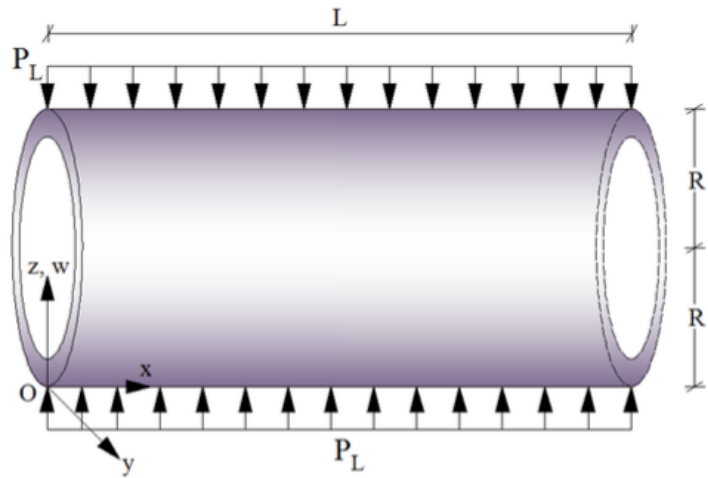




Professor Ali Deniz



From: Sofiyev, A.H., Deniz, A., Mecitoglu, Z., Ozyigit, P. and Pinarlik, M., "Buckling of shear deformable functionally graded orthotropic cylindrical shells under a lateral pressure", Acta Physica Polonica A, Vol. 127, No. 4, 2015

See:

<https://scholar.google.com/citations?user=RN1dJq8AAAAJ&hl=en>

Department of Mathematics
Usak University, Usak, Turkey

Selected Publications:

A. H. Sofiyev, A. Deniz, I. H. AkÁay and E. Yusufoglu, "The vibration and stability of a three-layered conical shell containing an FGM layer subjected to axial compressive load", Acta Mechanica, Vol. 183, Nos. 3-4, 2006, pp. 129-144

Sofiyev, A. H., Deniz, A., Akcay, I. H., and Yusufoglu, E., "The Vibration and Stability of a Three-layered Conical Shell Containing an FGM Layer Subjected to Axial Compressive Load", Acta Mechanica, Vol. 183, pp. 129-144, (2006).

Abdullah H. Sofiyev and Ali Deniz, "The stability and vibration of conical shells composed of SI3N4 and SUS304 under axial compressive load", Vibration Problems ICOVP 2005, Springer Proceedings in Physics, Vol. 111, pp 437-442, 2007

A.H. Sofiyev, E. Schnack, A. Deniz, Z. Zerín and M. Avcar, "Stability analysis of FGM layered shells in the surrounding medium", Acta Physica Polonica-Series A General Physics, Vol. 121, No. 1, p 162, 2012

A. Deniz and A.H. Sofiyev, "The nonlinear dynamic buckling response of functionally graded truncated conical shells", Journal of Sound and Vibration, Vol. 332, No. 4, pp 978-992, 2013

Ali Deniz, "Non-linear stability analysis of truncated conical shell with functionally graded composite coatings in the finite deflection", Composites: Part B, Vol. 51, pp 318-326, 2013

A.H. Sofiyev, A. Deniz, M. Avcar, P Ozyigit and M.H. Omurtag, “Effects of the non-homogeneity and elastic medium on the critical torsional load of the orthotropic cylindrical shell”, (publisher not given), 2013

Sofiyev, A.H., Deniz, A., Ozyigit, P. and Pinarlik, M. (2014), “Stability analysis of clamped nonhomogeneous shells on the elastic foundation”, *Acta Phys. Pol.*, 125(2), 459-461.

Sofiyev, A.H., Deniz, A., Mecitoglu, Z., Ozyigit, P. and Pinarlik, M., “Buckling of shear deformable functionally graded orthotropic cylindrical shells under a lateral pressure”, *Proceedings of the 4th International Congress APMAS2014, April 24-27, 2014, Fethiye, Turkey; Acta Physica Polonica A, Vol. 127, No. 4, 2015*