



**Professor Mostafa Talebitooti**

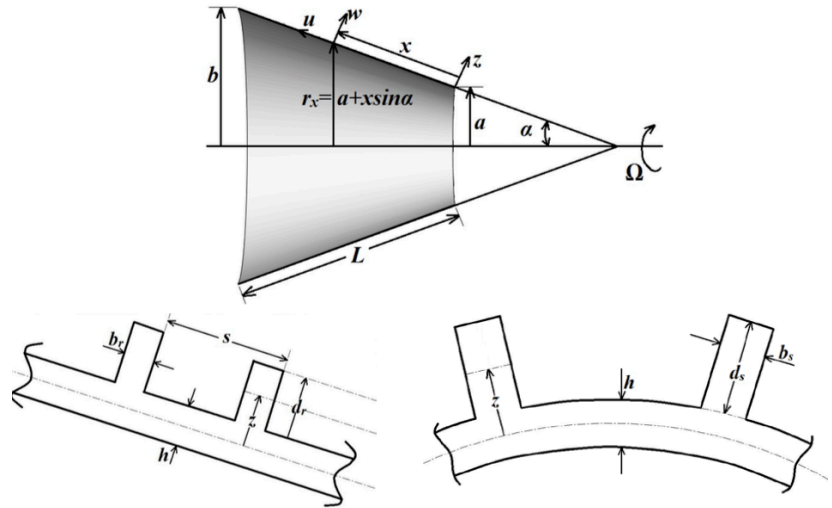


Figure 1 Geometry of stiffened rotating conical shell structure

From: Kamran Daneshjou; Mostafa Talebitooti; Roohollah Talebitooti; Hamed Saeidi Googarchin, "Dynamic Analysis and critical speed of rotating laminated conical shells with orthogonal stiffeners using generalized differential quadrature method", Latin American Journal of solids and Structures, Vol. 10, No. 2, pp 349-390, Rio de Janeiro, March 2013

See:

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### Selected Publications:

Mohsen Hosseini and Mostafa Talebitooti, "Buckling analysis of moderately thick FG carbon nanotube reinforced composite conical shells under axial compression by DQM", Mechanics of Advanced Materials and Structures, Vol. 25, No. 8, pp 647-656, June 2018

M. Talebitooti, M. Fadaee, M.H. Seyyedsharbati and M.M. Shojaee, "Weight optimum design of pressurized and axially loaded stiffened conical shells to prevent stress and buckling failures", Journal of Solid Mechanics, Vol. 9, No. 3, pp 456-471, September 2017

M. Talebitooti, "Three-dimensional free vibration analysis and critical speed of pressurized rotating functionally graded cylindrical shells", Iranian Journal of Science and Technology, pp 1-14, 2017

Talebitooti, Mostafa. (2016). "Thermal effect on free vibration of ring-stiffened rotating functionally graded conical shell with clamped ends". Mechanics of Advanced Materials and Structures. . 10.1080/15376494.2016.1255809.

Mohsen Hosseini and Mostafa Talebitooti, "Buckling analysis of moderately thick composite conical shells using Galerkin and DQ methods", Modares Mechanical Engineering, Vol. 15, No. 12, pp. 367-375, February 2016

Mostafa Talebitooti, "Analytical and finite-element solutions for the buckling of composite sandwich conical shell with clamped ends under external pressure", Archive of Applied Mechanics, 2016

K. Daneshjou and M. Talebitooti, "Free vibration analysis of rotating stiffened composite cylindrical shells by using the layerwise-differential quadrature (LW-DQ) method", *Mechanics of Composite Materials*, Vol. 50, No. 1, pp 21-38, March 2014 (Russian original Vol. 50, No. 1, January-February 2014)

Mostafa Talebitooti, "Three-dimensional free vibration analysis of rotating laminated conical shells: Layerwise differential quadrature (LW-DQ) method", *Archive of Applied Mechanics*, Vol. 83, No. 5, pp 765-781, May 2013

K. Daneshjou, M. Talebitooti and R. Talebitooti, "Free vibration and critical speed of moderately thick rotating laminated composite conical shell using generalized differential quadrature method", *Applied Mathematics and Mechanics*, Vol. 34, No. 4, pp 437-456, April 2013

Kamran Daneshjou; Mostafa Talebitooti; Roohollah Talebitooti; Hamed Saeidi Googarchin, "Dynamic Analysis and critical speed of rotating laminated conical shells with orthogonal stiffeners using generalized differential quadrature method", *Latin American Journal of Solids and Structures*, Vol. 10, No. 2, pp 349-390, Rio de Janeiro, March 2013

Kamran Daneshjou, Reza Madoliat and Mostafa Talebitooti, "Three-dimensional vibration analysis and critical speed of rotating orthogonally stiffened laminated cylindrical shells under axial load and pressure", *Modares Mechanical Engineering*, Vol. 12, No. 6, pp 80-94, March 2013

Mostafa Talebitooti, Kamran Daneshjou and Roohollah Talebitooti, "Vibration and critical speed of orthogonally stiffened rotating FG cylindrical shell under thermomechanical loads using differential quadrature method", *Journal of Thermal Stresses*, Vol. 36, No. 2, pp 160-188, February 2013

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