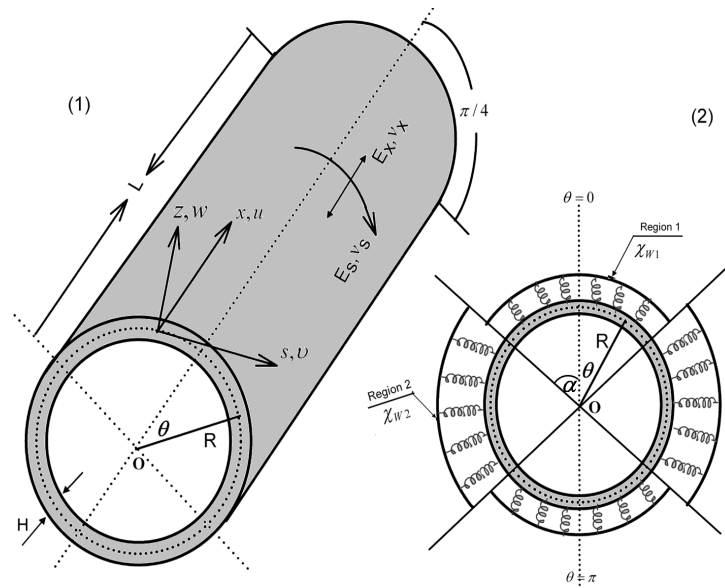




Professor Mousa Khalifa Ahmed



From: Mousa Khalifa Ahmed, "New approach for the vibrations of inhomogeneous cylindrical shells resting on step-wise Winkler foundations" *Inverse Problems in Science and Engineering*, 2014; <http://dx.doi.org/10.1080/17415977.2014.979169>.

See:

<http://www.svu.edu.eg/news-en/news=371.html>

<http://www.scirp.org/journal/AuthorInformation.aspx?AuthorID=13391&searchCode=Mousa+Khalifa++Ahmed&searchField=authors&page=1>

<http://pubcouncil.kuniv.edu.kw/kjs/home.aspx?id=8&Root=yes&authid=1445&author=MOUSA%20KHALIFA%20AHMED>

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Recognition:

Dr. Mosa Khalifa Ahmed, assistant lecturer in Mathematics Department, Faculty of Science, South Valley University was selected to join in the Encyclopedia of America (Who's Who in the World) for the year 2014, which includes the world's top scientists during 21st century, where he received a congratulatory message and appreciation certificate from General Manager of the Marquis Foundation of America, which specializes in publishing and documenting the biography of a group of distinguished characters and impacting in their fields in the world, while he expressed his happiness with enrolling his biography in the Encyclopedia, where he stressed that this achievement will motivate him to achieve more excellence and success for serving science and knowledge. He also pointed that he was selected because he holds Ph D in engineering mathematics, University of Hokkaido, Japan in shells structures field and his rare specialization, besides his distinguishing in published researches where he has (15) esteemed research which published in specialized international journals with a high impact factor, as well as published in France, Germany, the United States, Britain, England, China, India and Kuwait.

Selected Publications:

Mousa Khalifa Ahmed, "Elastic Buckling Behaviour of a Four-Lobed Cross Section Cylindrical Shell with Variable Thickness under Non-Uniform Axial Loads", *Mathematical Problems in Engineering* Volume 2009, doi:10.1155/2009/829703

Mousa Khalifa Ahmed, "A study of free vibration of a circumferentially non-uniform cylindrical shell with a four-lobed cross-section", *Journal of Vibration and Control*, November 2010, doi: 10.1177/1077546310372983

M.K. Ahmed, "Buckling analysis of non-uniform cylindrical shells of a four lobed cross section under uniform axial compression", *Journal of Applied Mathematics and Mechanics (ZAMM)*, Vol. 90, No. 12, pp 954-965,

December 2010

Mousa Khalifa Ahmed, "Vibration and Buckling Approximation of an Axially Loaded Cylindrical Shell with a Three Lobed Cross Section Having Varying Thickness", *Applied Mathematics*, Vol. 2, No. 3, March 2011, doi: 10.4236/am.2011.23039

Mousa Khalifa Ahmed, "Computational buckling of a three-lobed crosection cylindrical shell with variable thickness under combined compression and bending loads", *International Journal of Mechanical Engineering Research and Development (IJMERD)*, Vol. 3, No. 1, pp. 11-27, January-March 2013

Mousa Khalifa Ahmed, "Buckling Behavior under Radial Loading of Orthotropic Oval Cylindrical Shells with Parabolically Varying Thickness", *Mechanics of Advanced Materials and Structures*, posted online 18 Nov. 2014, DOI: 10.1080/15376494.2014.949928

Mousa Khalifa Ahmed, "Effects of non-uniform Winkler foundation and non-homogeneity on the free vibration of an orthotropic elliptical cylindrical shell", *European Journal of Mechanics A/Solids*, 49 (2015) 570-581.

Mousa Khalifa Ahmed, "Thermal gradient effect on the free vibration of a cardioid cross-section cylindrical shell", *Mechanics Based Design of Structures and Machines*, May 2015, DOI: 10.1080/15397734.2015.1043061

Mousa Khalifa Ahmed, "How the thermal gradient affects the vibration behavior of a spinning orthotropic oval cylindrical shell", *International Journal of Applied Mechanics*, Vol. 7, No. 4, August 2015.