



Professor Hassan Assaee

See:

http://www.researchgate.net/profile/Hassan_Assaee
<http://www.linknovate.com/expert/assaee-h-199657/>
<http://65.54.113.26/Author/21649552/h-assaee>

Aerospace Structural Engineering (BSc, MSZc, PhD)
Mechanical and Aerospace Engineering Department
Shiraz University of Technology, Iran

Research Interests:

Finite Element Method, Laminated Composites, Stress Analysis, Structural Analysis, Structural Dynamics, Fracture Mechanics, Continuum Mechanics, Computational Structural Mechanics, Nonlinear Analysis, Structural Optimization, Analytical Mechanics, Vehicle Crashworthiness, Structural Stability, Finite Element Analysis

Education:

Feb 2002–Mar 2008 Amirkabir University of Technology Aerospace Structural Engineering · Doctor of Philosophy
Sep 1999–Sep 2001 Amirkabir University of Technology Aerospace Structural Engineering · Master of Science
Sep 1995–Sep 1999 Amirkabir University of Technology Aerospace Engineering · Bachelor of Science

Selected Publications:

H. Assaee, Mohammad Haji Kazemi, Hamid Reza Ovesy, "The Effect of Anisotropy on Post-Buckling Behavior of Laminated Plates Using Semi-Energy Finite Strip Method" , Composite Structures , Vol.94 , No.5 , pp.1880 _ 1885 , 20 April 2012

A novel semi energy finite strip method for post-buckling analysis of relatively thick anti-symmetric laminated plates

A semi-energy finite strip non-linear analysis of imperfect composite laminates subjected to end-shortening

H. R. Ovesy, H. Assaee, M. Hajikazemi, "Post-buckling of thick symmetric laminated plates under end-shortening and normal pressure using semi-energy finite strip method", *Computers & Structures*, vol. 89, no. 9, pp. 724-732, 2011

H. Assaee, H. R. Ovesy, "A multi-term semi-energy finite strip method for post-buckling analysis of composite plates", *International Journal for Numerical Methods in Engineering*, vol. 70, no. 11, pp. 1303-1323, 2007

H. R. Ovesy, H. Assaee, "The effects of bend-twist coupling on the post-buckling characteristics of composite laminated plates using semi-energy finite strip approach", *Thin-walled Structures*, vol. 45, no. 2, pp. 209-220, 2007

H. R. Ovesy, H. Assaee, "Finite Strip Buckling Analysis of Some Composite Stiffened Box Sections", *Aiaa Journal*, vol. 42, no. 11, pp. 2382-2384, 2004

Assaee, H., "Post-Local-Buckling Analysis of Composite Thin-Walled Sections Using Semi-Energy Finite Strip Method", Ph.D. Thesis, Aerospace Eng. Dept., Amirkabir University of Technology, (Feb. 2008).