



**Professor Hader A. Rasheed**

See:

<http://www.ce.ksu.edu/people/faculty/rasheed/>

<https://www.linkedin.com/pub/hayder-rasheed/61/311/502>

<https://scholar.google.com/citations?user=tx5ipwMAAAAJ&hl=en>

Thomas and Connie Paulson Civil Engineering Outstanding Faculty Member endowed professorship  
Department of Civil Engineering  
Kansas State University

**Education:**

B.S. Civil Engineering, University of Bagdad

M.S. Civil Engineering, University of Bagdad

Ph.D. Civil Engineering, University of Texas at Austin

**Research Interests:**

Dr. Rasheed's research focuses on structural engineering and computational mechanics with emphasis on stability and nonlinear analysis of fiber-reinforced composites and reinforced/pre-stressed concrete structures and materials.

**Honors and Awards:**

Fellow, American Society of Civil Engineers, 2010

James L. Hollis Award for Undergraduate Teaching, KSU College of Engineering, 2010

Heuser Research Award, Bradley University College of Engineering, 1998, 2000

Caterpillar Fellow, Bradley University, 1998

Editorial Board, International Journal of Structural Stability & Dynamics

Editorial Board, Open Journal of Composite Materials

**Selected Publications:**

Rasheed, H.A. (1996). Behavior and strength of composite tubes considering delaminations and other defects. Ph. D. Dissertation, The University of Texas at Austin, Texas, 191pp

Shahin Nayyeri Amiri and Hayder A. Rasheed, *Elastic/Plastic Buckling of Spherical Shells under Various Loading*, Lambert Academic Publishing

Hayder A. Rasheed and John L. Tassoulas, "Delamination growth in long composite tubes under external pressure", *International Journal of Fracture*, Vol.108, No. 1, 2001, pp. 1-23

Rasheed and O. H. Yousif, "Buckling of thin laminated orthotropic composite rings/long cylinders under external pressure", *Int. J. Struct. Stab. Dyn.* 1:4 (2001), 485–507.

Rasheed, H. A., and Tassoulas, J. L. (2002). "Collapse of composite rings due to delamination buckling under external pressure." *J. Eng. Mech.*, 128 (11), 1174–1181.

H. A. Rasheed and O. H. Yousif, "Stability of anisotropic laminated rings and long cylinders subjected to external hydrostatic pressure", *J. Aerospace Eng.* 18:3 (2005), 129–138.

Hayder A. Rasheed and Spyros A. Karamanos, "Stability of tubes and pipelines", Chapter 8 in *Buckling and postbuckling structures: experimental, analytical and numerical studies*, edited by B. G. Falzon and M. H. Aliabadi, 2008, Imperial College Press, ISBN-10 1-86094-794-8

Shahin Nayyeri Amiri and Hayder A. Rasheed, "Plastic buckling of thin hemispherical shell subjected to concentrated load at the apex", *Thin-Walled Structures* Volume 53, April 2012, Pages 72–82