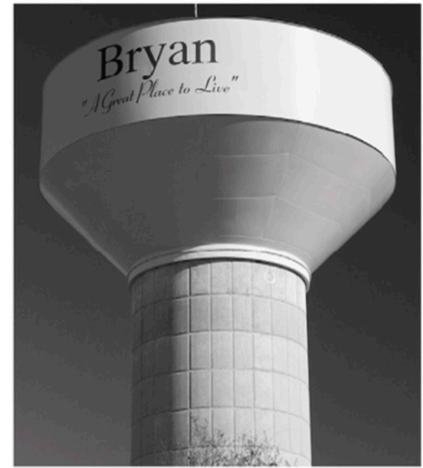




Professor Ashraf A. El Damatty



(a)



(b)

Fig. 1. (a) Pure conical tank, (b) combined conical tank.

From: Ahmed Musa and Ashraf A. El Damatty, "Capacity of liquid steel conical tanks under hydrodynamic pressure due to horizontal ground excitations", *Thin-Walled Structures*, Vol. 103, pp 157-170, June 2016

See:

http://eng.uwo.ca/civil/faculty/el_damatty_a/

http://eng.uwo.ca/civil/faculty/el_damatty_a/publications.html

<https://scholar.google.com/citations?user=hDe5e9gAAAAJ&hl=en>

https://www.researchgate.net/profile/Ashraf_El_Damatty

Department of Civil and Environmental Engineering
University of Western Ontario

Education:

Ph.D. Structural Engineering, McMaster University (1995)

M.Sc. Structural Engineering, Cairo University (1990)

B.Sc. Civil Engineering, Cairo University (1986)

Research Interests:

Dr. El Damatty research interests lie in the general area of structural engineering with emphasis on wind-related structural problems, effects of tornadoes and downbursts on transmission line structures, analysis and design of shell type structures, seismic analysis of liquid-filled containers, structural control, structural optimization, and fluid-structure interaction problems.

Professional Activities:

- Co-Editor in-chief of *Wind and Structures*, International Journal
- Research Director of WindEEE Research Institute
- Member of the Board of Governors of the Canadian Society of Civil Engineers (CSCE)
- Member of Public Infrastructure Engineering Vulnerability Committee (PIEVC) of Engineers Canada
- Member of the ASCE-74, Guidelines for Electrical Transmission Line Structural Loading
- Chair of Sanderson Awards Committee, CSCE
- Past Vice-Chair of London Chapter of the Canadian Society of Civil Engineering (CSCE)

- Founder and Ex-Chair of CSCE Steel Structures Committee
- Member of the Structural Technical Committee of the CSCE
- Member of CSCE Education and Research Committee
- Member of the Association of Professional Engineers in Ontario
- Member of the Egyptian Engineering Syndicate
- Associate Member of the Boundary Layer Wind Tunnel Laboratory
- Associate Member of the Geotechnical Research Centre
- Member of International Advisory board for a Number of National and International Conferences

Selected Publications:

- Ahmed Musa and Ashraf El Damatty, “Effect of geometric imperfections on the capacity of conical steel tanks under hydrodynamic pressure”, Conference: Canadian Society for Civil Engineering (CSCE) at London, Ontario, Canada, June 2016
- Ahmed Musa and Ashraf A. El Damatty, “Capacity of liquid steel conical tanks under hydrodynamic pressure due to horizontal ground excitations”, Thin-Walled Structures, Vol. 103, pp 157-170, June 2016
- Ahmed Musa and Ashraf A. El Damatty (Department of Civil and Environmental Engineering, Western University, London, Canada N6A 5B9), “Capacity of liquid-filled steel conical tanks under vertical ground excitation”, Thin-Walled Structures, Vol. 103, pp 199-210, June 2016
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