Professor Nuno Silvestre

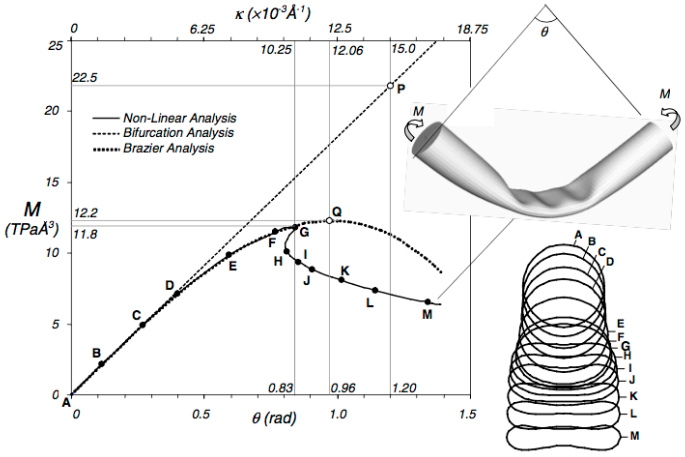

Fig. 2 Non-linear behaviour and progressive ovalization and collapse of NT(13,0) with L=80Å under uniform bending

From: N. Silvestre and D. Camotim, "Bending instabilities of carbon nanotubes", Chapter in book that is not identified in the pdf file, January 2009, DOI: 10.1007/978-3-642-00980-8_49

See:
http://scholar.google.pt/citations?user=mgXXcU0AAAAJ&hl=pt-PT
http://www.researchgate.net/profile/N_Silvestre
http://www.sapub.org/journal/editorialdetails.aspx?JournalID=1108&PersonID=14109
https://scholar.google.pt/citations?user=mgXXcU0AAAAJ&hl=en

Department of Civil Engineering, IST
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Education:

2005 Ph.D Instituto Superior Tecnico, Technical University of Lisbon, Portugal
1997 M.Sc Instituto Superior Tecnico, Technical University of Lisbon, Portugal

Research Interests:

Non-Linear Solid Mechanics, Numerical Methods in Structural Engineering, Stability and Dynamics of Structures, Modeling and Analysis of Nano-Structures, Analysis and Design of Steel and Composite FRP Structures, Thin-Walled Structures

Experience:

2005-present Assistant Professor, Department of Civil Engineering, IST, Technical University of Lisbon
1997-2004 Research Assistant, Department of Civil Engineering, IST, Technical University of Lisbon
1995-present Researcher at the Institute of Structural Engineering, Territory and Construction (ICIST)
1993-1997 Junior Research Assistant, Department of Civil Engineering, IST, Technical Univ. of Lisbon

Awards and Honors:

1 Vinnakota Award 2004-Established by the Structural Stability Research Council (SSRC), this award was granted for the best paper presented in the Annual Stability Conference (Long Beach, Los Angeles), entitled "Towards an Efficient Design Against Distortio….

2 Ferry Borges Award 2004-Established by the Portuguese Association of Structural Engineering (APEE), this Honorable Mention was granted for the "best paper published in Portuguese"
3 IJSSD 2007-Award of the International Journal of Structural Stability and Dynamics for the best paper published in 2007, entitled "GBT Formulation to Analyze the Buckling Behavior of Thin-Walled Members Subjected to Non-Uniform Bending"
4 Ferry Borges Award 2008-Established by the Portuguese Association of Structural Engineering (APEE), this Honorable Mention was granted for the "best paper published in Portuguese"
5 Diploma of Distinction for Scientific Merit and Knowledge 2008-Award given by the Technical University of Lisbon, in recognition for the high quality level of research investigation carried out
6 Honour Diploma in the context of the National Award for the Best Young Researcher in Applied, and Computational Mechanics 2008, given by the Portuguese Association of Applied, Theoretical and Computational Mechanics (APMTAC)
7 Honour Diploma in Civil and Mechanical Engineering 2009-Award given by the Technical University of Lisbon/Banco Santander Totta, in recognition for the high scientific productivity carried out
8 Cesário Verde National Award 1986- Category: Drawing and Painting-Award established by the Portuguese National Library in the context of the 100th anniversary of the death of the Portuguese poet Cesário Verde (1855-1886)
9 Honour Diploma in Civil and Mechanical Engineering 2010-Award given by the Technical University of Lisbon/Banco Santander Totta, in recognition for the high scientific productivity carried out
10 National Award for the Best Young Researcher in Applied, and Computational Mechanics 2009, given by the Portuguese Association of Applied, Theoretical and Computational Mechanics (APMTAC)

Selected Publications:

Silvestre N., Camotim D., Batista E. and Nagahama K., Buckling behaviour of thin-walled composite columns using generalised beam theory, Thin-Walled Structures – Advances and Developments (Cracow, 5-7/6), J. Zaras et al. (eds.), Elsevier, Amsterdam, pp. 329-337, 2001
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Nuno Silvestre and Dinar Camotim, “Stability Behavior of Composite Thin-Walled Members Displaying Arbitrary Orthotropy”, 15th ASCE Engineering Mechanics Conference, June, 2002, Columbia University, New York, NY
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Silvestre, N., Camotim, D. (2003), GBT buckling analysis of pultruded FRP lipped channel members, Computers & Structures, V. 81, pp. 1889-1904.
Silvestre N. and Camotim D., Distortional buckling formulae for cold-formed steel rack-section members, Steel and Composite Structures, Vol. 4, No 1, pp 49-75, 2004.

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