



Figure 5 Example of FE “distortional” model at peak moment

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See:

<http://www.ce.jhu.edu/bschafer/cvandpubs/CVfeb2013.pdf>

<http://www.ce.jhu.edu/bschafer/>

EDUCATION

Ph.D. Cornell University (1995–1997). Structural Engineering, Minor: Theoretical and Applied Mech.
M.S. Cornell University (1993–1994). Structural Engineering
B.S.E. University of Iowa (1989–1993). Civil Engineering with Honors and Distinction
P.E. Texas (2007). License #99093

PROFESSIONAL

At Johns Hopkins University, Baltimore, MD:
Dept. Chair Department of Civil Engineering. (July 2009 – Present)
Professor Department of Civil Engineering. (July 2010 – Present)
Assoc. Prof. Department of Civil Engineering. (July 2006 – June 2010)
Asst. Prof. Department of Civil Engineering. (July 2000 – June 2006)

Other:

Senior Engineer Simpson Gumpertz & Heger Inc., Waltham, MA, Engineering Mechanics and Infrastructure

From: “Inelastic bending capacity in cold-formed steel members” by Y. Shifferaw and B.W. Schafer, SSRC Stability Conference, 2007

Division. (August 1998 – June 2000)

Postdoc Cornell University, Ithaca, NY, School of Civil and Environmental Engineering with Teoman Peköz (1997 – 1998)

HONORS

Chair Swirnow Family Faculty Scholar – Johns Hopkins University (2008 – Present)

Power List – Structural Engineer Magazine (2012)

Huber Research Prize – American Society of Civil Engineers (2010)

Faculty Fellowship – American Institute of Steel Construction (2006)

CAREER Award – National Science Foundation (2005)

Collingwood Prize – American Society of Civil Engineers (2003)

Dunn Family Award – from the JHU Student Council (2004)

Robert S. Pond, Sr. Excellence in Teaching Award – Johns Hopkins University (2004)

Outstanding Reviewer Award – ASCE Journal of Structural Engineering (2009)

SOFTWARE DEVELOPMENT

Continuously develop and maintain CUFISM, an open source program for elastic buckling of thin-walled members using the finite strip method. Researchers, students, and practitioners around the world use the software. Short courses on CUFISM have been conducted for code agencies and numerous academic groups. See:

www.ce.jhu.edu/bschafer/cufsm

MEMBER OF PROFESSIONAL ORGANIZATIONS

American Society of Civil Engineers (ASCE) (1991 – Present)

American Society of Engineering Education (ASEE) (1997 – Present)

International Assoc. of Bridge and Structural Engineers (IABSE) (1998-99, 2002 – Present)

Structural Stability Research Council (SSRC) (2001 – Present)

Cold-Formed Steel Engineers Institute (CFSEI) (2005 – Present)

PUBLICATIONS

See: <http://www.ce.jhu.edu/bschafer/cvandpubs/CVfeb2013.pdf>