

TEACHING SEMINAR

Introduction to Dimensional Analysis

TUESDAY, NOVEMBER 11TH, 11:00 AM - 11:50 AM
WALC 3087

GARY COLEMAN, Ph.D

Visiting Assistant Professor Candidate

ABSTRACT

A survey of Dimensional Analysis, one of the primary tools used in physics and engineering, will be presented. Its underlying theory, benefits and drawbacks, and general guidelines will be considered, with emphasis upon practical applications.

BIOGRAPHY

After receiving bachelors/masters degrees from Southern Illinois University in Carbondale, Gary Coleman began his career as a Stress Analyst for McDonnell-Douglas (now Boeing) in St Louis, before attending Stanford University for his PhD, under the supervision of Joel Ferziger. Following research positions at Stanford/NASA Ames and UCLA (with John Kim), he moved to the UK in 1999 to join the Aeronautics and Astronautics faculty at the University of Southampton. He returning to the States in 2012, to NASA Langley Research Center in Hampton Virginia, where until recently he was a Senior Research Scientist in the Computational AeroSciences branch.



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