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**Design Visionaries Releases "Advanced Simulation Using Nastran NX5 / NX6"**

*New Book Offers Alternative to "Build 'em and Bust 'em"*

SAN JOSE, CA, October 23, 2008 **/24-7PressRelease/** -- A new book details the use of Nastran NX5 / NX6 in Advanced Simulation. Advanced Simulation Using Nastran NX5 / NX6 by Stephen Samuel, Benjamin Stevenson and Eric Weeks will be released by Design Visionaries on September 20. The subtitle, A Practical Learning Manual For People Who Design Stuff, says it all. In Advanced Simulation Using Nastran NX5 / NX6, the reader will work on representative components and assemblies to learn all the skills needed to conduct various finite element analyses. This book has been written with the goal of making advanced finite element analysis techniques more accessible to those who are doing the initial design of engineering components and assemblies. This manual can be used as a continual cheat sheet for NX5 / NX6 Advanced Simulation/Nastran software.

When design engineers in the enterprise master the techniques in this manual, they will be able to augment their design processes with better information sooner. This can easily lead to huge savings by avoiding failures and getting the answers to design questions without the expense of prototypes.

The book has been written by people who are continually asked to produce good designs on a tight schedule.

**About the Authors**

Stephen Samuel, Founder and President of Design Visionaries, has over 20 years' experience in developing and using high-end CAD tools and mentoring its users. During a ten-year career at Pratt & Whitney Aircraft, he was responsible for implementing advanced CAD/CAM technology in a design/manufacturing environment. He has trained thousands of engineers in Unigraphics, written self-paced courses in UG Advanced Modeling and Best Practices, and performed design work for numerous Fortune 500 companies. Stephen is the author of distinctive publications on UGNX CAD and Teamcenter Engineering PLM.

Benjamin Stevenson is a Senior Engineer at Design Visionaries. He earned his BSE (Honors) Product Design from the University of Strathclyde, Glasgow, Scotland in 2006. He has been instrumental in creating complex design models of difficult Earth Moving equipment and numerous other geometries. He has also served as an NX5 expert trainer and has extremely satisfied customers as far afield as Japan, the U. S. and Mexico.

Eric Weeks, Senior Engineer, has over 10 years of mechanical design and product development engineering experience at DV, Johnson & Johnson, and Medtronic. He has developed products using Unigraphics and Pro/ENGINEER. He has trained engineers in UGNX CAD and Teamcenter Engineering PLM. Eric is co-author of Teamcenter Engineering PLM publications and co-inventor on pending U.S. Patents.

**Advanced Simulation Using Nastran NX5 / NX6**

A Project Oriented Learning Manual for People Who Design Stuff

by Stephen M. Samuel, Benjamin Stevenson and Eric Weeks

ISBN: 978-0-9754377-7-3

Trade Paper, \$180

Publication Date: September 20, 2008

**About Design Visionaries**

Design Visionaries offers a unique blend of engineering-related products and engineering know-how. With over 100 years of combined experience, Design Visionaries is fortunate to have extremely talented, highly qualified, creative professionals available to supply an extraordinary array of design and engineering services. Design Visionaries' knowledge and

experience span a large range of engineering disciplines and industries. The team has worked in the fields of aerospace, medical, automotive, industrial, and consumer products to mention a few. Let Design Visionaries help you accelerate your product development through process innovation, and global collaboration.

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