

Press Release



New Engineering Simulation Software Performs Virtual Product Testing at 2008 Atlantic Design Show

WESTMINSTER, CA--(June 2, 2008) - Noran Engineering, Inc. (NEi), a global leader in the development of NEi Nastran™ engineering software announced that it will demonstrate new analysis and simulation software at the Atlantic Design and Manufacturing Show, June 3-5, 2008 at the Jacob Javits Center in New York City. NEi is at Booth # 338. Digital prototyping technology developed by NEi enables product engineers to visualize the response of their designs to structural and thermal loads before investing in physical prototypes and test programs. This means changes and optimization can occur early in the development process saving time, money and improving the ability to meet regulatory requirements like FDA approval.

Features of interest to product developers include new virtual testing tools like Automatic Impact Analysis and Drop Test (AIA™), Design Optimization, Automatic Surface Contact Generation (ASCG™), and Hyperelastic and Composite Material modeling. AIA is used in a variety of areas including military projectiles, product packaging and drop testing of consumer electronic products like cellphones and laptops. Design Optimization finds solutions for design problems that are complex because of competing parameters, for example, structures that must be both strong and light. ASCG provides real world fidelity in modeling assemblies. Hyperelastic capabilities allow modeling of rubber like materials.

About Noran Engineering, Inc. (NEi)

NEi is a global leader in NEi Nastran finite element analysis (FEA) and simulation software for virtual testing of parts and products. NEi Nastran works with all major pre and post processors including in house products Femap®, NEiFusion™ and NEiWorks™ for SolidWorks®. Engineers gain design insights early in the development process with graphic visualizations of parameters like stress, deformation, vibration modes, and heat transfer. Companies gain a competitive edge improving their product development process making it faster and less costly while delivering designs that are more innovative, reliable, and higher quality. Examples of applications by leading companies and video demonstrations are on the website.

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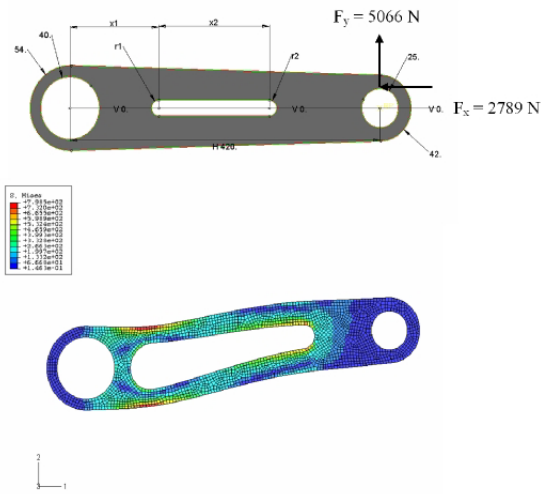
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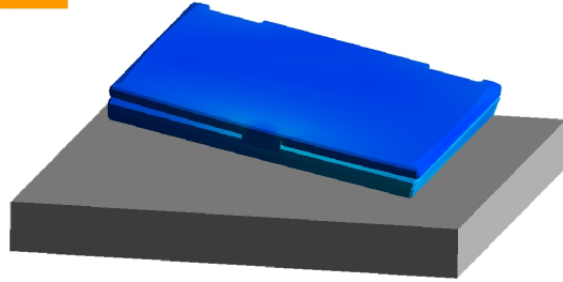
Noran Engineering, Inc.

New Simulation Tools in NEi Nastran

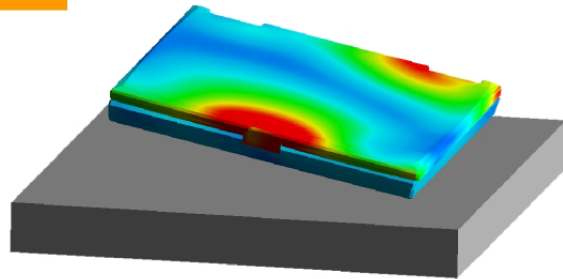
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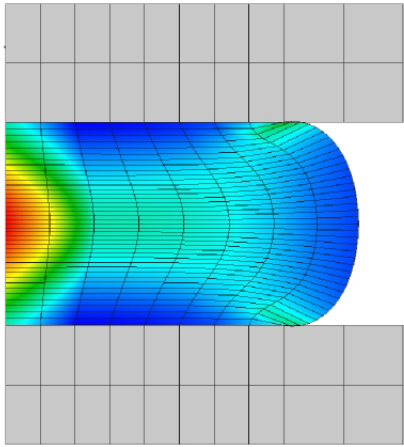
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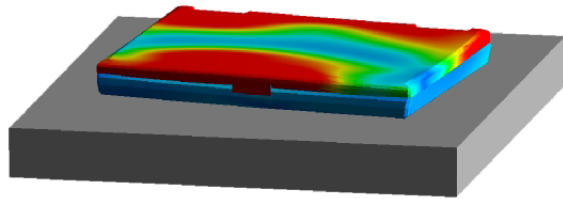
3b.



2.



3c.



1. Optimization finds solutions for geometric values, weight, eigenvalues, stress, or temperature. Shown is a weight optimization solution with a max von Mises stress constraint.
2. Hyperelastic Material simulates large strain, rubber like materials.
3. Automated Impact Analysis (AIA) can also be used as a virtual Drop Test. Example shown is for a laptop computer.