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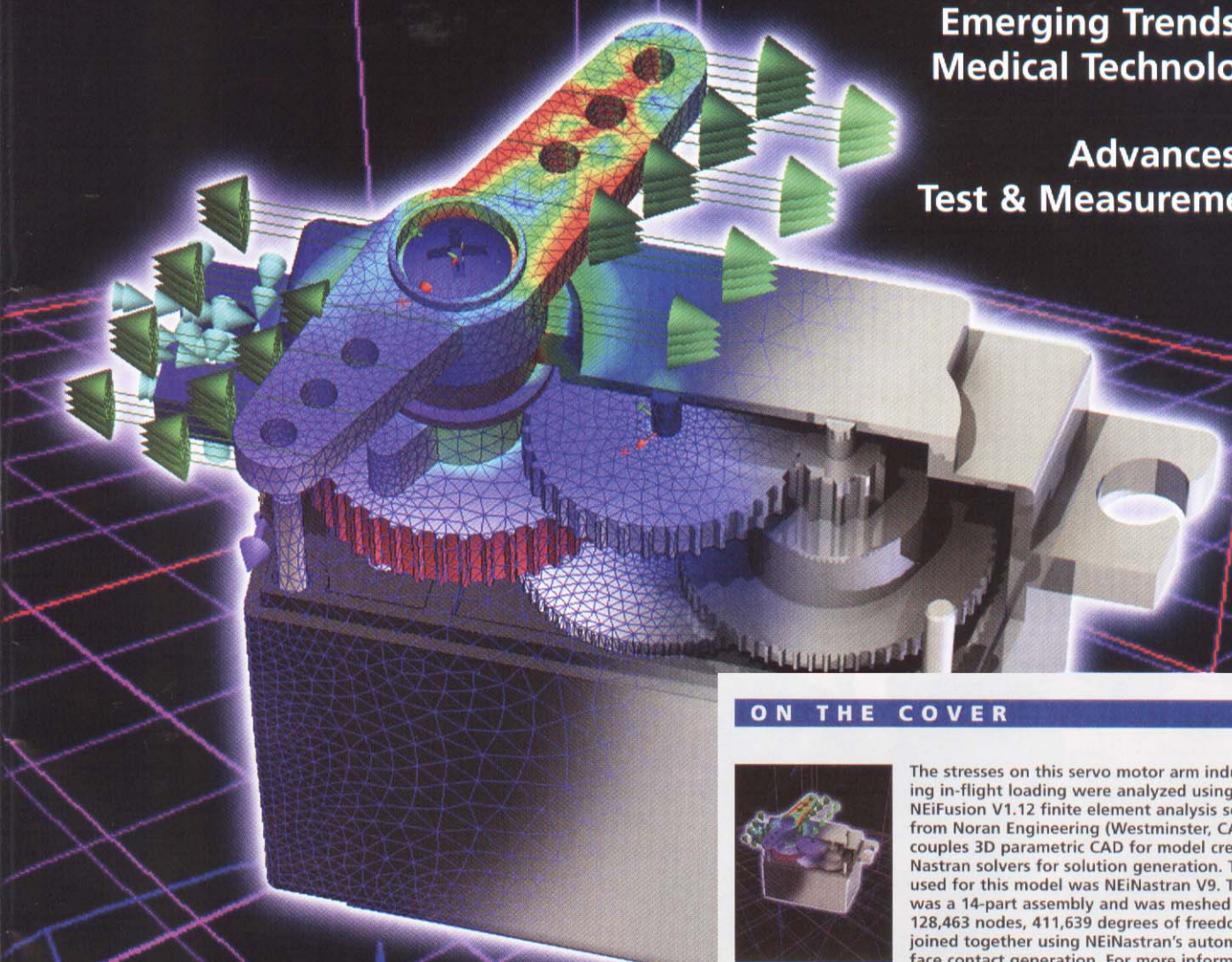

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ON THE COVER

The stresses on this servo motor arm induced during in-flight loading were analyzed using NEiFusion V1.12 finite element analysis software from Noran Engineering (Westminster, CA) that couples 3D parametric CAD for model creation with Nastran solvers for solution generation. The solver used for this model was NEiNastran V9. The servo was a 14-part assembly and was meshed with 128,463 nodes, 411,639 degrees of freedom, and joined together using NEiNastran's automatic surface contact generation. For more information on the new NEiFusion software, see New on the Market on page 74.

(Image courtesy of Noran Engineering)

FEA Software

Noran Engineering, Westminster, CA, has released NEiFusion finite element analysis (FEA) software that couples 3D feature-based parametric CAD for model creation with Nastran solvers for solution generation. It virtually tests parts in the design phase for static and dynamic structural and thermal conditions in a CAD environment, and includes full single-window integration between solid modeling and analysis, direct application of analysis input data to CAD geometry, and a FeatureManager™ tool for geometry and analysis. **For Free Info Visit http://info.hotims.com/10962-107**