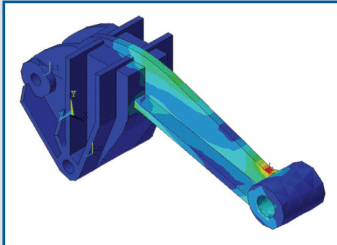
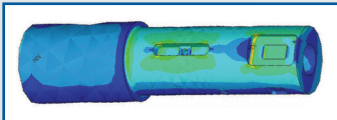


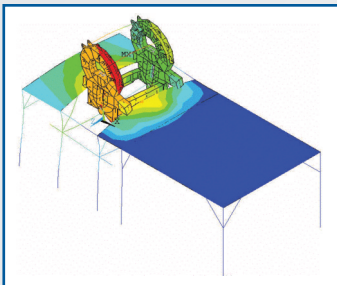
Engineering, Testing & Manufacturing Services



Machine Lever Structural Analysis



Oilfield Drill Collar Structural Analysis



Rotating Machinery Vibration Analysis

Headquarters ♦ Wallingford ♦ USA
 7 Laser Lane, Wallingford, CT 06492 USA
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Analysis Services

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Make APS Technology your trusted source for designs and products purpose-built to operate under high shock, vibration, temperature, pressure, fluid flow and harmful gas conditions.

Capabilities

Finite Element Analysis (FEA)

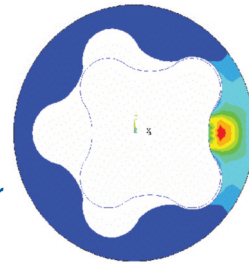
- > Static
 - Stress and strain
 - Contact
 - Nonlinear materials
 - Large deflections
- > Vibration
 - Modal
 - Harmonic
 - Shock and vibration
 - Random
 - Transient
- > Thermal
 - Static
 - Transient

Kinematic Analysis

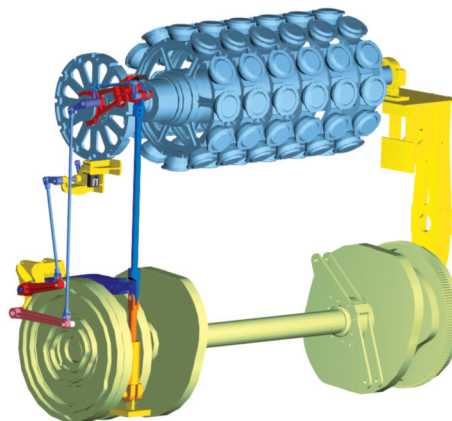
- > Complex machinery motion
 - Cams
 - Levers
 - Geneva mechanisms
 - Linkages
- > Displacements, velocities, accelerations and forces

Specialty Applications

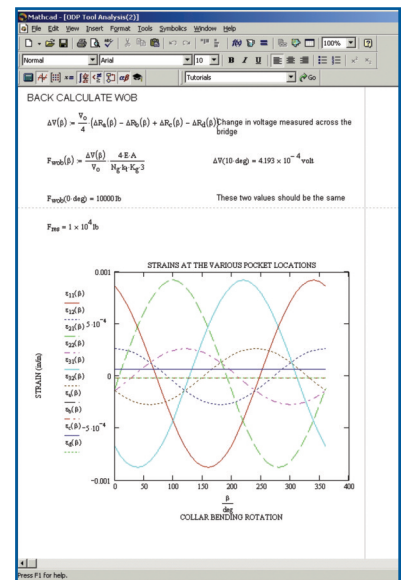
- > Standalone
- > Pre-/post-FEA
- > MathCAD, Excel and Lotus



Mud Motor Stator Thermal Analysis



Rotating Machinery Kinematic Model



Strain Gauge Mathematical Analysis