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General Solver Capabilities

GHUjW9 YVfca U[bYh]W JY Xg
5XUdhj Y: JY X A Yg\
: fYei YbVh8ca U]b`

A U[bYh]WUbX`9`YVf]WH]a Y`8ca U]b
<D7: fYei YbVh8ca U]b`

Magnetic Transient with Rigid Motion

8ntoLa]W9 YVf]cb F][]X`A ch]cb`.....
k]h` Gna a Yrf]W:]Y`X`7cbX]h]cbg`
Bcb!7m]bXf]W` A ch]cb`

5Xj UbWX`9a VYXXYX`7]fW]h`
9l hYfbU`7]fW]h7ci d`]b[`k]h` ..
5XUdhj Y`H]a Y`GhYdd]b[

Advanced Material Modeling

J YVf`<ng]YfYg]g`A cXY`]b[
Bcb`]bYUf`5b]gchfd]WA cXY`]b[
: i bV]cbU`A U[bYh]nU]cb`8]fYV]cb
A U[bYh]nU]cb`8Y]a U[bYh]nU]cb`
A cXY`]b[

h]nU]cb`A cXY`]b[
H]a Y`UbX: fYei YbVh8YdYbXYbh`
7cfY`cgg`A cXY`]b[
8ntoLa]W9 YVf]b`@]a]bU]YX`
A U[bYh]WA U]Yf]Ug`

Multiphysics

A U[bYrc!J]Vfc!5Vti gh]VWti d`]b[``

A U[bYrc!H]Yfa U!GfYgg]cb`8f]j Y`
8Yg][b`@]Z`7n]W
7ci d`]b[`k]h` 7: 8 VUgYX`cb`dck Yf`

A U[bYrc!GfYgg]Vti d`]b[`VUgYX`cb`

7ci d`]b[`k]h` 7: 8 VUgYX`cb`a U[!`
bYh]W Y`Xzdck Yf`cgg]UbX`Y`Vf]W

9`YVfca U[bYh]VH]Yfa U`Vti d`]b[g`

Multi-Domain System Capabilities

: fYei YbVh8YdYbXYbhFYXi VWX`
CfXYf`A cXY`g`UbX`Bcb`]bYUf`9ei]j U`
`Ybh7]fW]hg]Zca : 95 UbU]ng]g
5i hca U]W YbYfU]cb`cZ]h`Y`9l hYf`
bU`7]fW]hUbX`9`YVf]W`A U]W]bY`
f`]W

ANSYS Multiphysics solutions

i YbWX`Vria i`h]d`Y`d\ng]Vg]UbX`

Pennsylvania Transformer Technology, Inc. performed multiphysics simulations using Maxwell, ANSYS Mechanical and ANSYS CFD to design next-generation transformers for the utility power industry.

ANSYS, Inc.

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