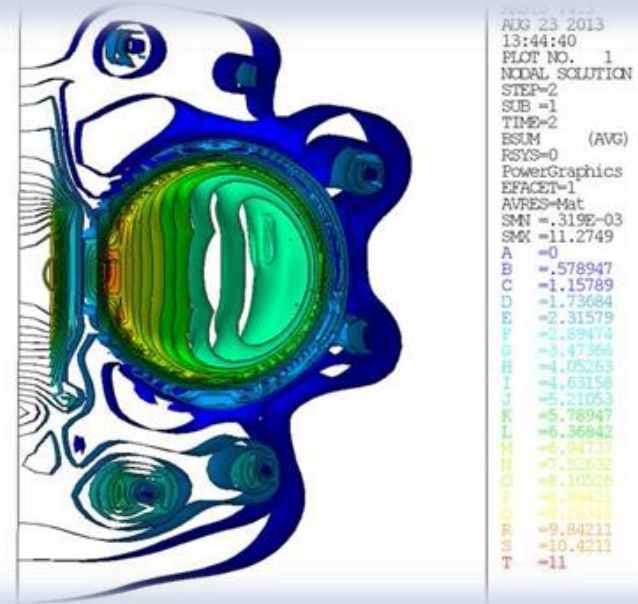


Virtual calculation algorithm for FEM analysis based on a proprietary technology embedded in the ANSYS Maxwell software.

Value proposition

- A multiphysics environment that includes a simplified user interface to allow unskilled users to run simulations
- Proprietary algorithms to reduce overall computation time and cost



The company EnginSoft works for ITER, the largest fusion experiment ever, in the implementation of the analysis of the blanket electromagnetic behavior. The blanket is formed by 440 modules that protect the structure and critical components from the heat and the energy produced by the fusion reactions.

Brining their know-how from previous experiences and integrating knowledge of their work in ITER, EnginSoft has developed a virtual calculation algorithm for FEM analysis based on a proprietary technology embedded in the ANSYS Maxwell software.

The solution of EnginSoft can be used in the following applications:

- Analysis of large generators;
- Electromagnetic Interference between High Voltage Lines and Pipelines;
- Optimization of Electromagnetic Devices;
- Electromagnetic analysis for RFID tags and different materials.

EnginSoft offers the customization of the software to the clients' needs.

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