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Thermal analysis in NX Nastran

Level Advanced
Duration 1 day
Language English or Dutch
Location Delft, or on-site

Description

The Thermal analysis course introduces product simulation and analysis in NX Nastran (with Femap) for thermal applications. This course is intended users who want to learn how to analyze specific cases of thermal models in NX Nastran. This course covers thermal topics such as duct flow, parallel processing, advanced radiation, and others.

Aim of training

After the training, the trainee is capable of performing thermal analysis with NX Nastran and to evaluate the results independently.

Topics

- Meshing and material properties
- Heat transfer introduction
- Thermal couplings
- Material transformation
- Axisymmetric analysis
- Thermal initial and boundary conditions
- Radiation
- Duct flow
- Thermal mapping
- Parallel processing

Who should attend?

This course is intended for designers, engineers and finite element analysts who will be using NX Nastran to perform thermal analyses.

Interested? Sign up on www.femto.eu or send your training request to info@femto.nl.

About us

At Femto Engineering we help companies achieve their product innovation goals with FEA & CFD consulting, software, training, support, deployment and R&D. We are the CAE partner of Siemens PLM Software in the Benelux and an authorized distributor for Femap, NX Nastran, Simcenter 3D and SDC verifier.

Directions

Our address is: Oude Delft 137, Delft.
By car: follow the parking signs to the Phoenixgarage (Phoenixstraat 29). Leave the "centrum" exit from the parking and turn left. Directly after the gate, we're in the first building on your right.
When you arrive by train, it's a 5 minute walk via the Westvest and the Binnenwatersloot to the Oude Delft.

Solution Partner

SIEMENS

PLM