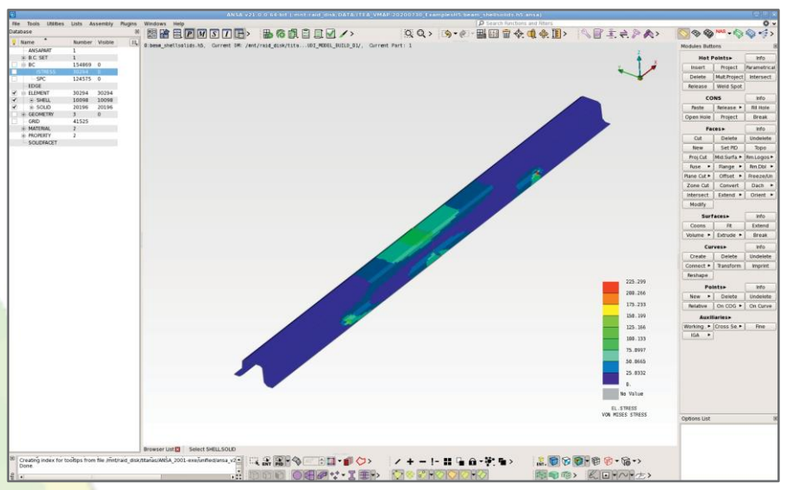
VMAP

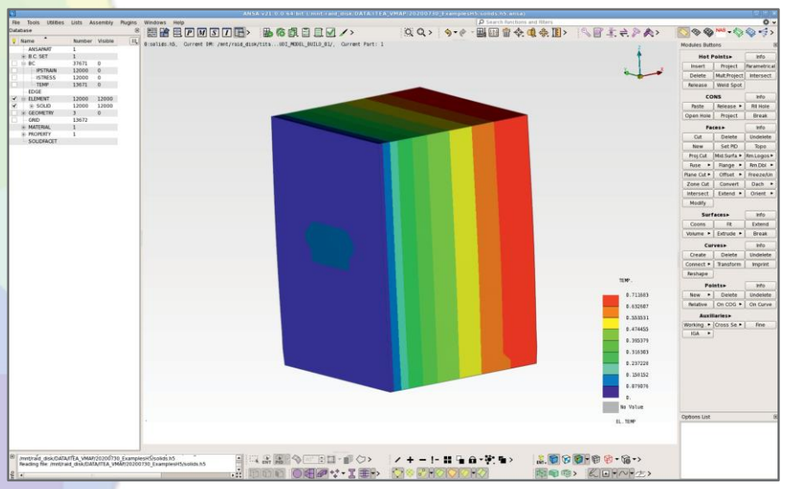
ITEA 3
INFORMATION TECHNOLOGY FOR EUROPEAN ADVANCEMENT
project 16010

ANSA
PRE PROCESSOR

the VMAP gate to simulation processes

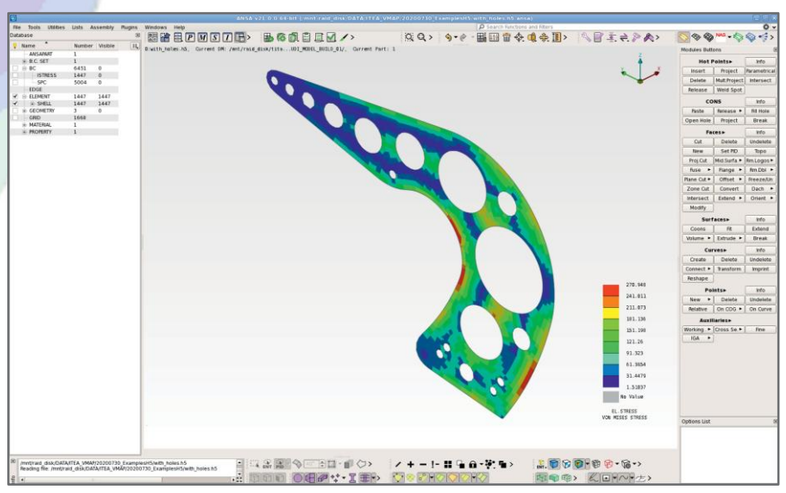
- SHELL and SOLID elements support.
- STRESS, EQUIVALENT PLASTIC STRAIN, THICKNESS, TEMPERATURE and DISPLACEMENT results support.
- NASTRAN keywords generation.
- Conversion of EPILYSIS .h5 results file to VMAP .h5 results file.

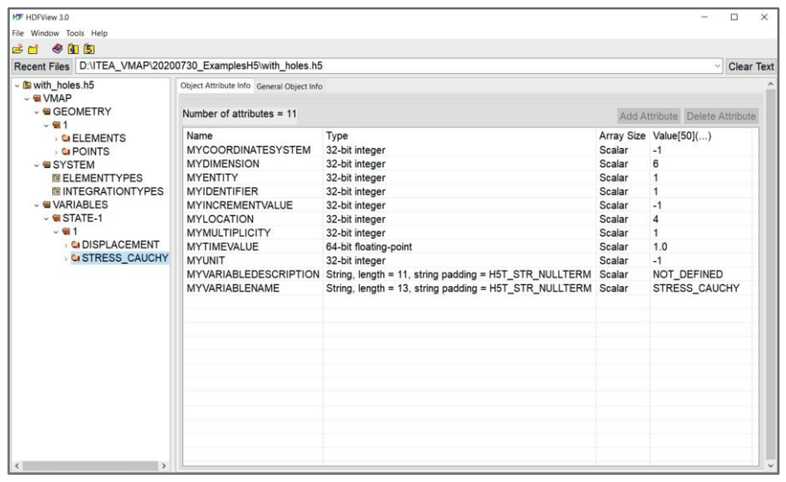




Why ANSA

- Fast and high quality shell and volume meshing of intricate geometries.
- Batch meshing with controllable and predictable results.
- High level of pre-processing automation and customization.
- Model variations comparison and handling.
- Morphing capabilities.
- On-the-fly interoperability of the models built for different solvers.
- High level of interoperability with other software, including optimizers.
- Responsiveness and quality of software development and after-sales support.





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