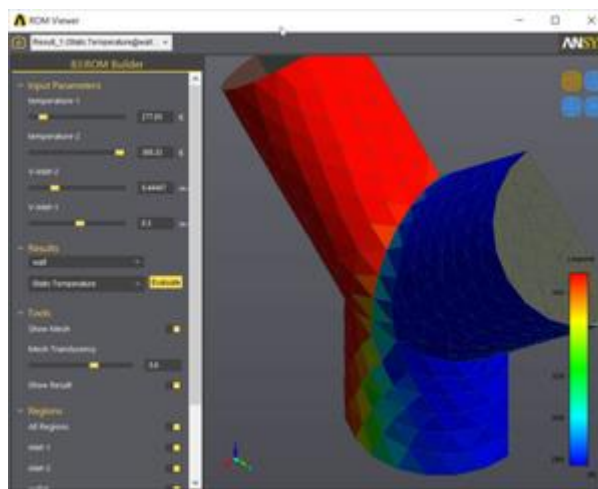


ANSYS Platform Update 2019 R1

Design Xplorer

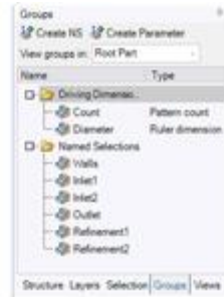
- Using snapshots in the ROM Builder
- Automatic adjustment of design parameter limits when manually importing DesignPoints into a DOE



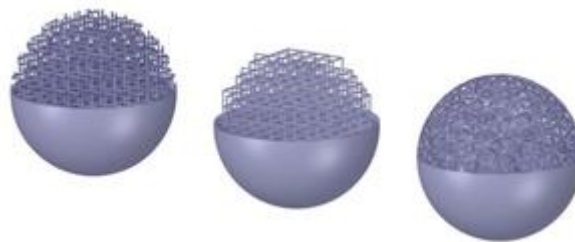
ROM Builder in the DesignXplorer as an efficient tool for model reduction of three-dimensional structures (eg for use in system simulation)

SpaceClaim DirectModeler

- Efficient work with "named selection": adding, subtracting, connecting individual selections
- Model replay for automated repeating of actions performed for bidirectional information exchange when reimporting CAD models
- Constraint based sketching for efficiently creating sketches
- Improved definition of lattice structures
 - Boundary Conformal Lattices
 - Suppress incomplete lattice structures



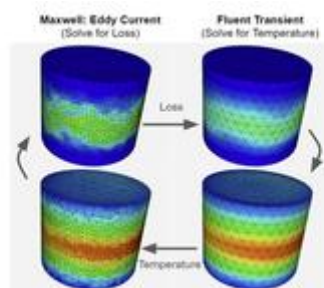
Working with named selections in SpaceClaim Direct Modeler



Improved definition of lattice structures

System Coupling

- Maxwell-Fluent Co-simulation via system coupling (inductive heating of metallic structures)



Exchange of information in the co-simulation between Maxwell and Fluent by means of system coupling