Student Reference Guide: Parameters and Associativity

Release 2021 R2

Ansys

Learning Objectives

Upon successful completion of this module, the student should be able to:

- Explain the basic function of parameters in ANSYS Workbench

- Describe the difference between input parameters and output parameters

- Update input parameter values in the Parameter Set tab

- Run an update of the analysis solution based on current input parameter values

- Identify newly-computed values of output parameters

Learning Objectives (Continued)

- Describe the various sources of parameterizable quantities available for mechanical analysis

- Define the term "design point"

- Understand the purpose of the Table of Design Points

- Define several design points and update the Table of Design Points

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Reference Material

Parameter Sources:

- ANSYS Geometry Editors
- Third-Party CAD Tools
- Engineering Data
- Mechanical

Reference Material

Design Points:

	3 MPa	7 MPa
Fully Open	DP0	DP1
Fully Closed	DP2	DP3