

Details

Structural	Linear Static Analysis	Linear Static Analysis
		Modal Analysis
		Buckling Analysis
		Composite Materials Analysis
	Nonlinear Static Analysis	Nonlinear Material Analysis
		Nonlinear Geometry Analysis
		Nonlinear Contact Analysis
	Heat Analysis	Heat Transfer Analysis
		Heat Stress Analysis
		Joule Heating Analysis
	Linear Dynamic Analysis	Transient Response Analysis
		Response Spectrum Analysis
		Frequency Response Analysis
		Random Vibration Analysis
	Nonlinear Dynamic Analysis	Explicit Dynamic Analysis
		Implicit Dynamic Analysis
	Optimization	Topology Optimization Analysis
Size Optimization Analysis		
Fatigue Analysis	S-N curve (Stress-life Method) / ε-N curve (Strain-life Method)	
	Thermal Fatigue Analysis	
	Random Vibration Fatigue Analysis	
CFD	General Fluid Flow Analysis	Steady/Unsteady Fluid Flow Analysis
		Compressible/Incompressible
		14 Turbulence models
		Porous Media
		1-D Pipe Model
		Fan Boundary Condition
		MRF (Moving Reference Frame)
	Heat Transfer Analysis	Conduction/Convection/Radiation
		Conjugate Heat Transfer/1-way FSI
		Joule Heating/PCB Heat Resistance Model
	Mesh Deformation Analysis	Stretchable Mesh
		Sliding Mesh
		Overset Mesh
	Mixture Analysis	Species transport
	Multi-phase Analysis	Level Set
		Wave Elevation Analysis
		Discrete Phase Model
FSI (Fluid-Structural interaction)	Thermal 1-way coupled Analysis	
	Structural 1-way coupled Analysis	
	Structural 2-way coupled Analysis	