

Q. Why is full featured FEA so expensive?

linear statics 3D dynamic rotation, pan and zoom mass properties
extensive error check multi-level undo/redo
astio-plastic tetrahedral & hexahedral mesher
modal transient and frequency response
heat flow into heat boundary elements
random vibration
large subspace iterative eigenvalue solver NASTRAN Output 2 or PATRAN 2.5 neutral file interface
ing mass, and damper inertia relief velocities nonlinear static
temperature dependent materials damping supported in all dynamic solution
ir and nonlinear direct transient response analysis linear and nonlinear buckling mechanical event simulation
P2 translator CQC modal summation
gap contact with friction light source shading and transparency custom packa
anisotropic initial slack or tension
olve models over 3 million D.O.F.... robust shell and solid elements
abular, customizable reports stresses surface-to-surface contact composite failure
DDAM
direct matrix import & export (DMIG)

A. It Isn't...

stress dependent PCGLSS Solver
mass and damping matrixes forces, and contact stresses
large displacement complete program control gap and slide line di
random vibration Windows interface sparse direct and iterative (PCGLSS) solvers
line, plate, & solid element types quad-dominant automatic surface me
structural damping orthotropic advanced dynamics
nonlinear functional forms thermal gradients linear and nonlinear prestress perfectly
quadrilateral and triangular plates parametric design dynamic solutions composite laminate materials s
support DXF and IGES files ABS
powerful easy to use proven. von mises affordable
precise

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