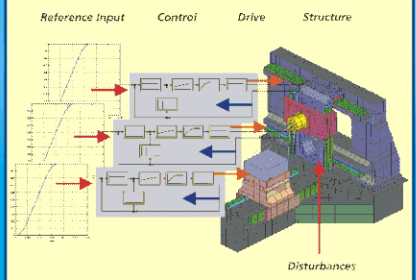
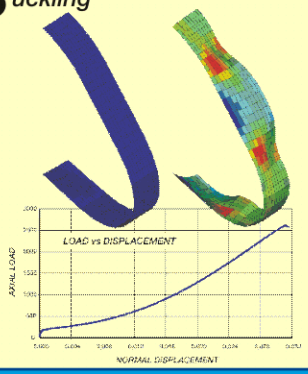
PERMAS
from A to Z

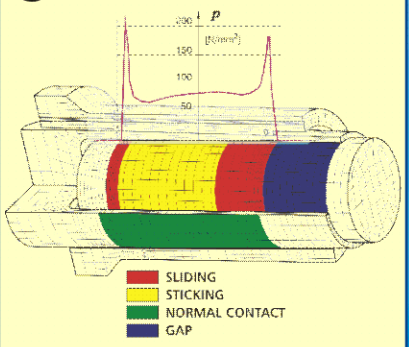
Active control



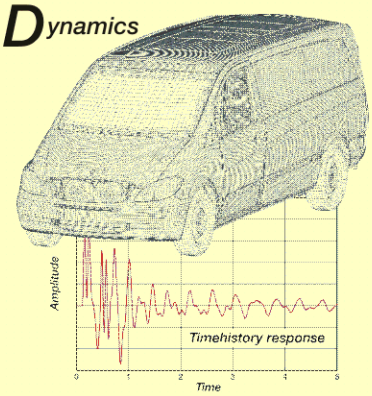
Buckling



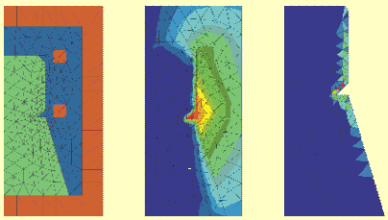
Contact



Dynamics

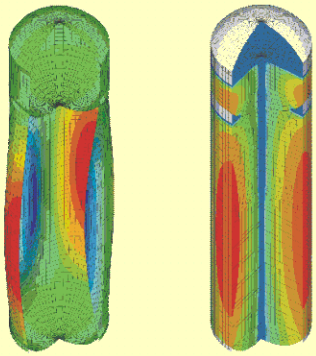


Electromagnetics

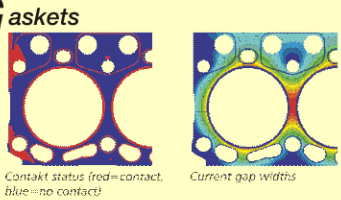


Mesh | Magnetic potential | Electric current density

Fluid-structure acoustics



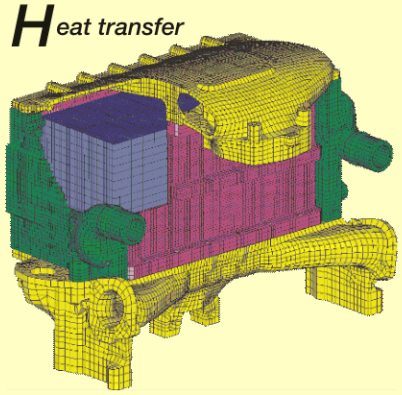
Gaskets



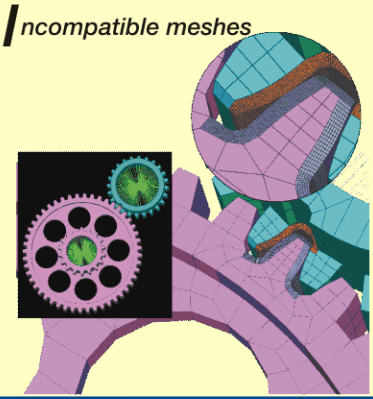
Contakt status (red=contact, blue=no contact) | Current gap widths

Gasket pressure | Relative displacements normal to gasket (closure)

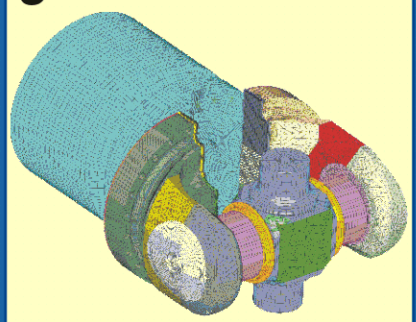
Heat transfer



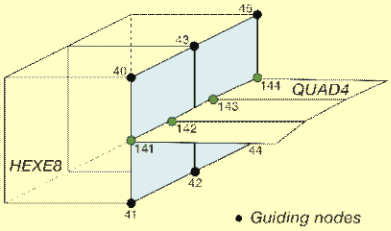
Incompatible meshes



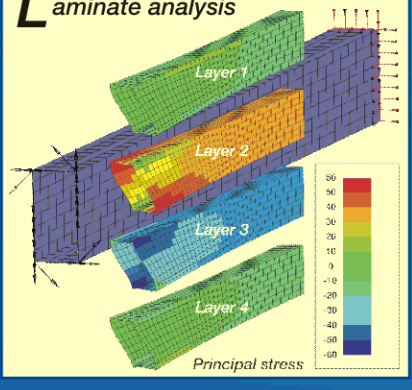
Joints



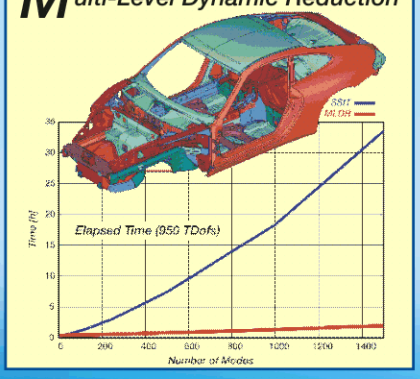
Kinematic constraints



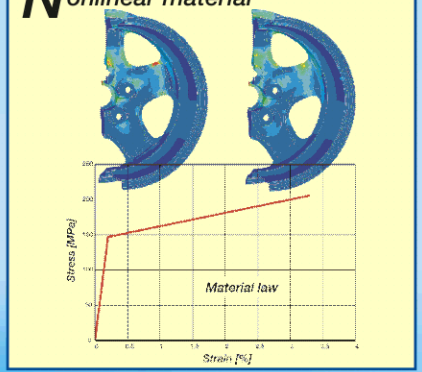
Laminate analysis



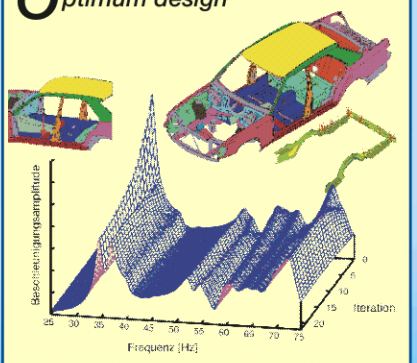
Multi-Level Dynamic Reduction



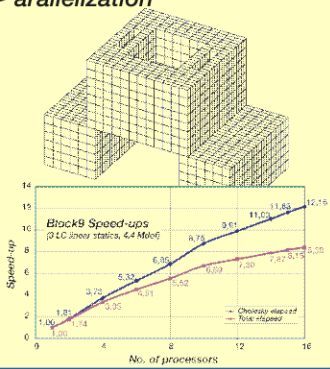
Nonlinear material



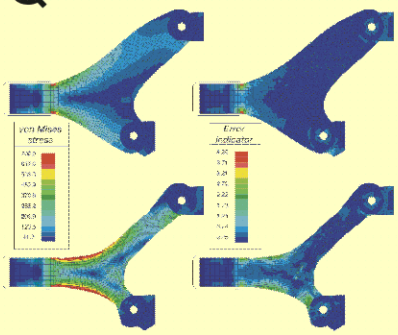
Optimum design



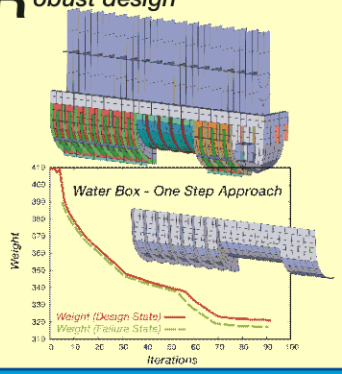
Parallelization



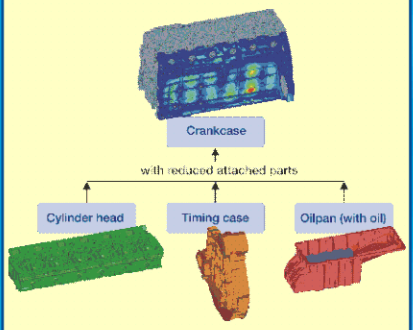
Quality



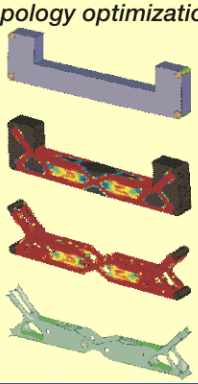
Robust design



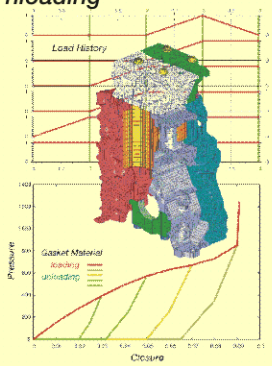
Substructuring



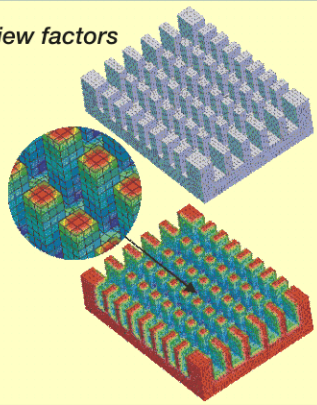
Topology optimization



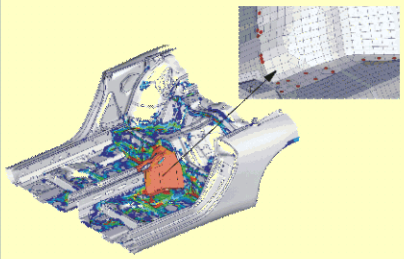
Unloading



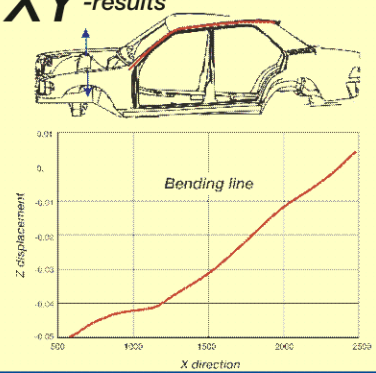
View factors



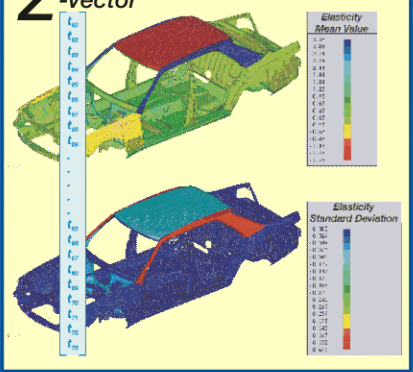
Welding spots



XY-results



Z-vector



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