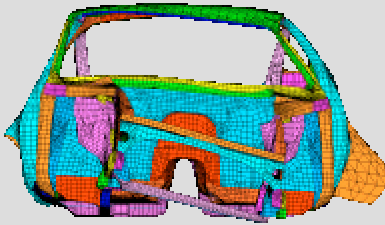


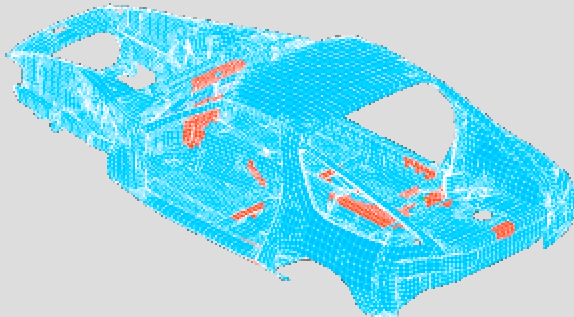
GENESIS Topology Optimization



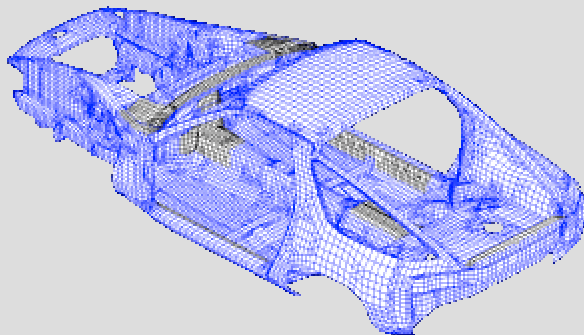
Body Reinforcement



Initial Design: Low Torsional Rigidity



Topology Results



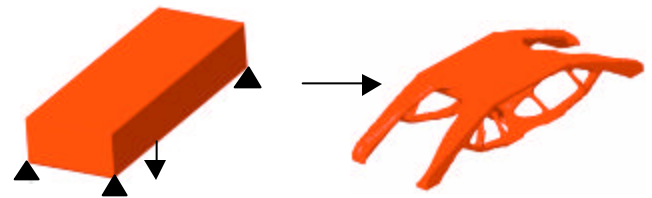
Reinforced Areas

Identify areas to reinforce to improve torsion frequency

Find Optimal Reinforcements

From small parts to whole systems

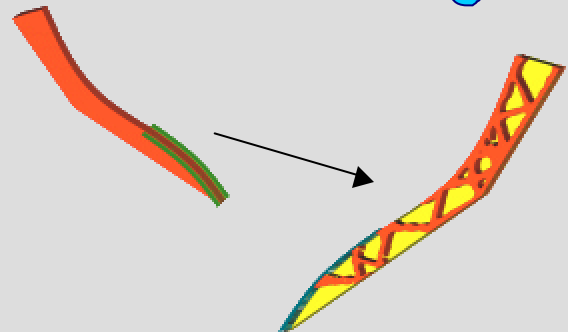
GENESIS can handle very large numbers of design variables



1,003,520 Design Variables

Find Rib Locations

Pedal Design



Optimize rib pattern location

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