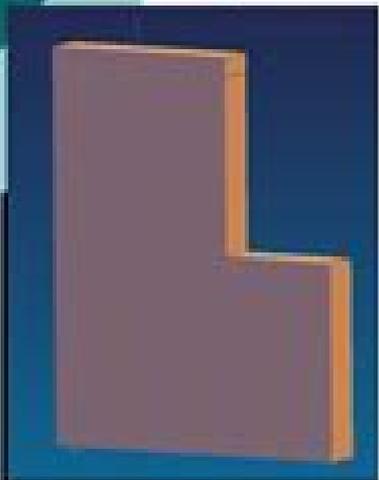
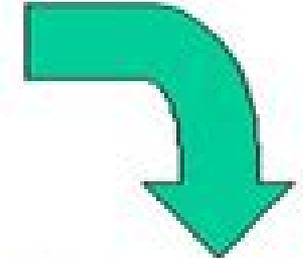
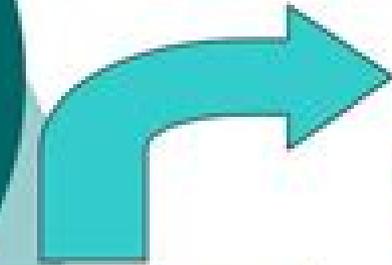


CML

Topology

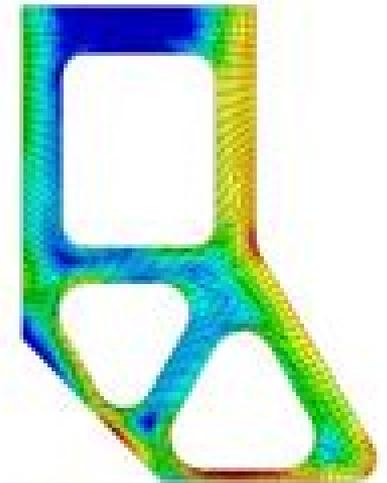
Initial Model



Initial Model



Final Geometric Model



Shape Optimization

# Numerical Optimization Techniques For Engineering Design Solution

**Garret N. Vanderplaats**



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