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## Leverage topology optimization to maximize structure design efficiency

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# Leverage Topology Optimization to maximize structure design efficiency

## Application of Topology Optimization



Motorcycle bone

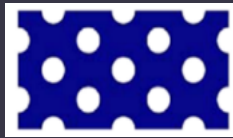


Bird-nest bridge



Tree-inspired airport

## The process of Topology Optimization



Initial design



Iteration step 7

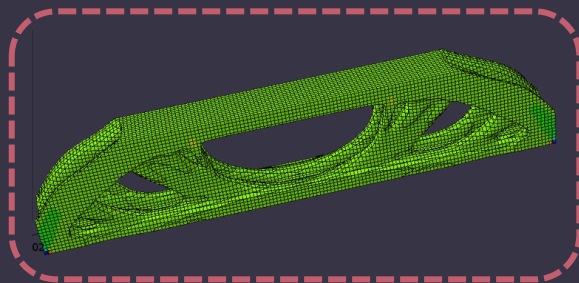


Iteration step 10

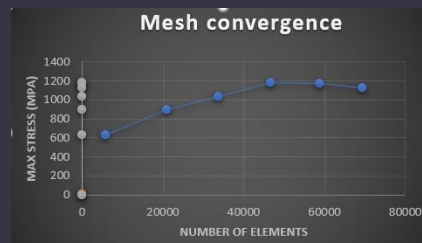


Optimal design

## Finite Element Simulation Result



Optimized Shape



Mesh Convergence Curve

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