

BGCE Project: CAD – Integrated Topology Optimization

BGCE First Milestone Meeting

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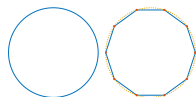
Workflow

CAD design



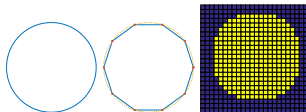
Workflow

STL Interface



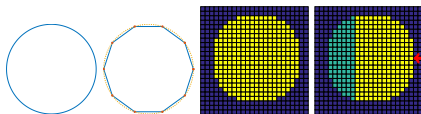
Workflow

Voxelization



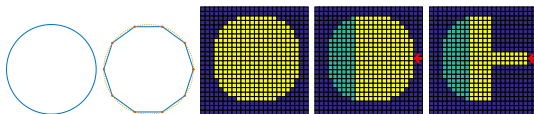
Workflow

TPD input file - Specification of loads and fixtures



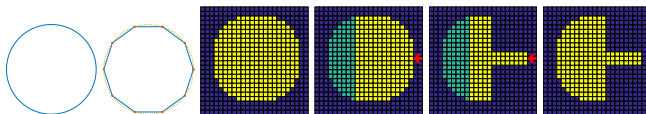
Workflow

Topology optimization



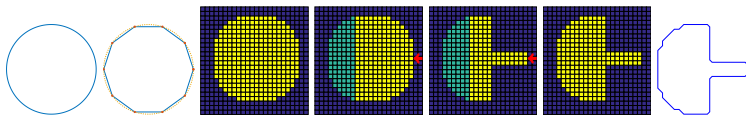
Workflow

Optimized output geometry



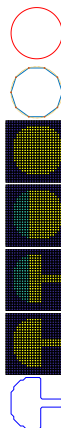
Workflow

Post-processing: Parametrization, Feature recognition



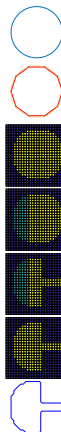
CAD file

Inhalt...



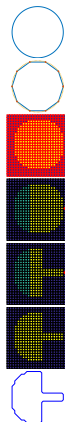
STL file

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Voxelisation

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Load and fixture specification

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