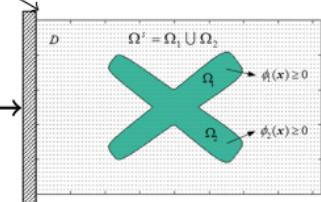Problem Statement

- TopOpt Approach
  - Design Variables ↓ & Design Space ↑
  - Transversely Isotropic & Orthotropic material
  - Parallelization & Scalablility (PLEXUS)
  - 3D Multi-Load Concurrent TopOpt formulation
  - Concurrent Optimization formulation
- Manufacturing Consideration
  - Lenght Scale Control
  - CAD-based design
  - Overhanging constraints, ⋯ etc
  - Build direction
  - Path Planning