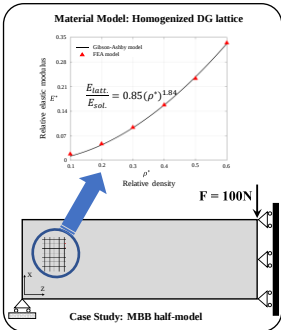
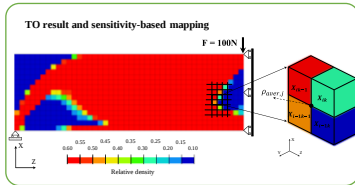


1 OBJECTIVE: Design a beam with a graded gyroid lattice geometry and optimal performance preserving scheme

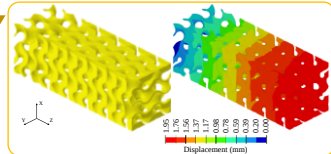


2 METHOD: Sensitivity based reconstruction scheme



CONCLUSION:
Beam Design Delivers Optimal Preserving Performance via Adjoint Sensitivity Mapping

3 RESULT: Reconstructed geometry and displacement plot



4 Fabrication and testing

