

Concrete Girder Optimization Competition 2021

Please indicate your affiliation and contact details: _____

Which topology optimization method did you consult (SIMP, ESO, mathematical approach, heuristic approach, etc.)?

Did you consider the nonlinear material behavior of concrete within the optimization process? If yes, how (multimaterial modeling, stress constraints, concrete damage, etc.)? If no, why not?

No Yes _____

Did you focus on a compression-dominant design or did you consciously allow for tension zones?

compression-dom. tension zones Other _____

Did you consider aspects of manufacturability in your optimization? If yes, how? If no, why not?

No Yes _____

What was the total computation time of your optimization process? _____ seconds

State the final masses of your submitted design: concrete _____ kg

external reinforcement _____ kg

internal reinforcement _____ kg

Further comments on the submission: _____
