

Bayesian Optimization Report

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Configuration Data

experiment_name: cantilever

minimize: True

model: GPEI

num_of_iters: 10

num_sobol_steps: 3

num_of_params: 2

uniform_params: False

up_bound: None

lo_bound: None

parameters: [{ 'name': 'width', 'type': 'range', 'bounds': [5.0, 30.0], 'value_type': 'float'}, { 'name': 'height', 'type': 'range', 'bounds': [5.0, 30.0], 'value_type': 'float' }]

objective_metric: stress

outcome_constraints: []

constraint_metrics: []

Optimisation Results

stress: 8.85521211241321

width: 20.48421537869029

height: 30.0

Plots

convergence_plot

distances_plot

evaluations_plot