

# 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:** 5.4541357472675145

**width:** 29.537887974398416

**height:** 30.0

## **Plots**

**convergence\_plot**

**distances\_plot**



**evaluations\_plot**