Publications:

A unified aggregation and relaxation approach for stress-constrained topology optimization
Publication: Research - peer-review › Journal article – Annual report year: 2016

Damage approach: A new method for topology optimization with local stress constraints
Publication: Research - peer-review › Journal article – Annual report year: 2016

Topology Optimization with Stress Constraints
Publication: Research › Ph.D. thesis – Annual report year: 2015

A new approach for stress-based topology optimization: Internal stress penalization
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Level Set Based Topology Optimization with Stress Constraints and Consistent Sensitivity Analysis
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Effect of design parameterization and relaxation on model responses in topology optimization with stress constraints
Publication: Research - peer-review › Article in proceedings – Annual report year: 2011

Activities:

Sizing optimization of an offshore wind turbine jacket under dynamic loads considering stress and eigenfrequency constraints
Verbart, A. (Speaker), Sandal, K. (Participant), Rojas Labanda, S. (Participant), Stolpe, M. (Participant)
7 Jun 2017
Activity: Talks and presentations › Conference presentations