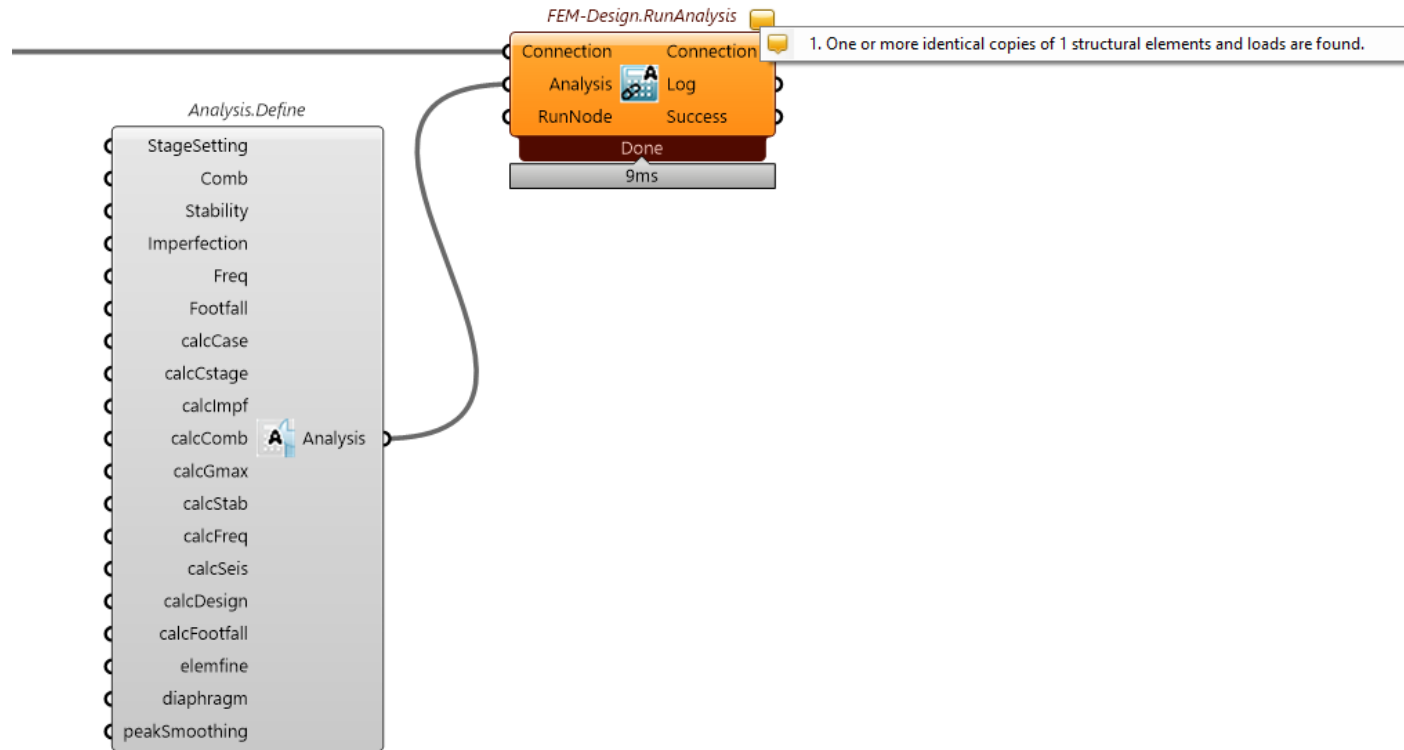


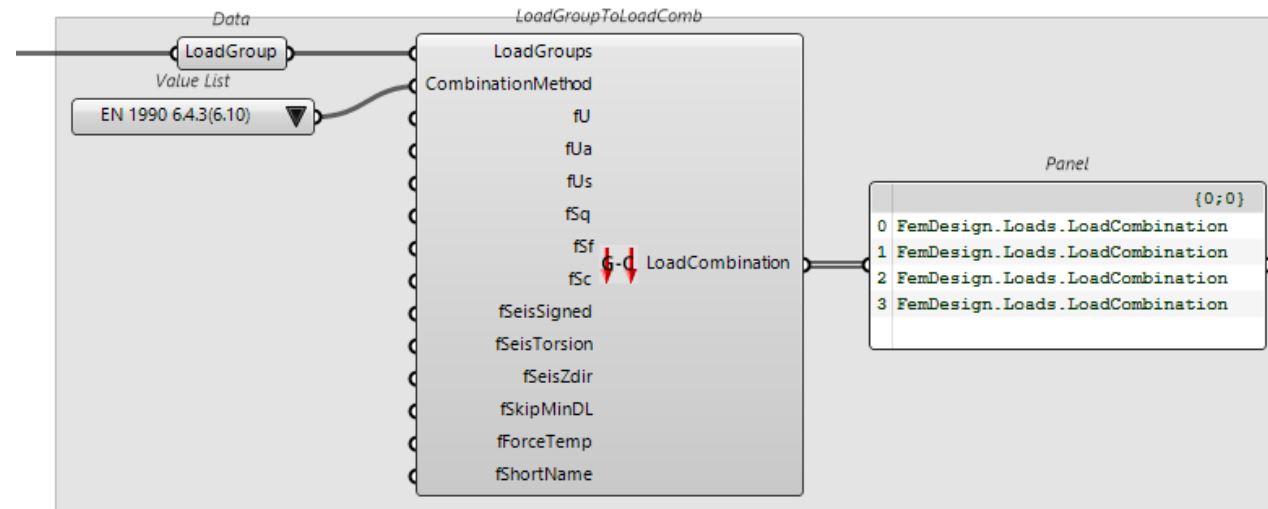
# Development Meeting



# Identical Copies Detected



# Load Group to Load Comb



# Buckling Analysis

The image displays a software interface for buckling analysis, showing two views of a meshed structure and a detailed parameter configuration panel.

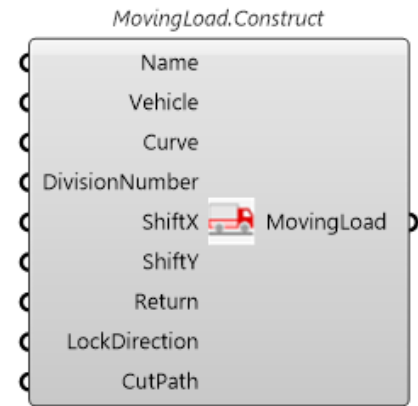
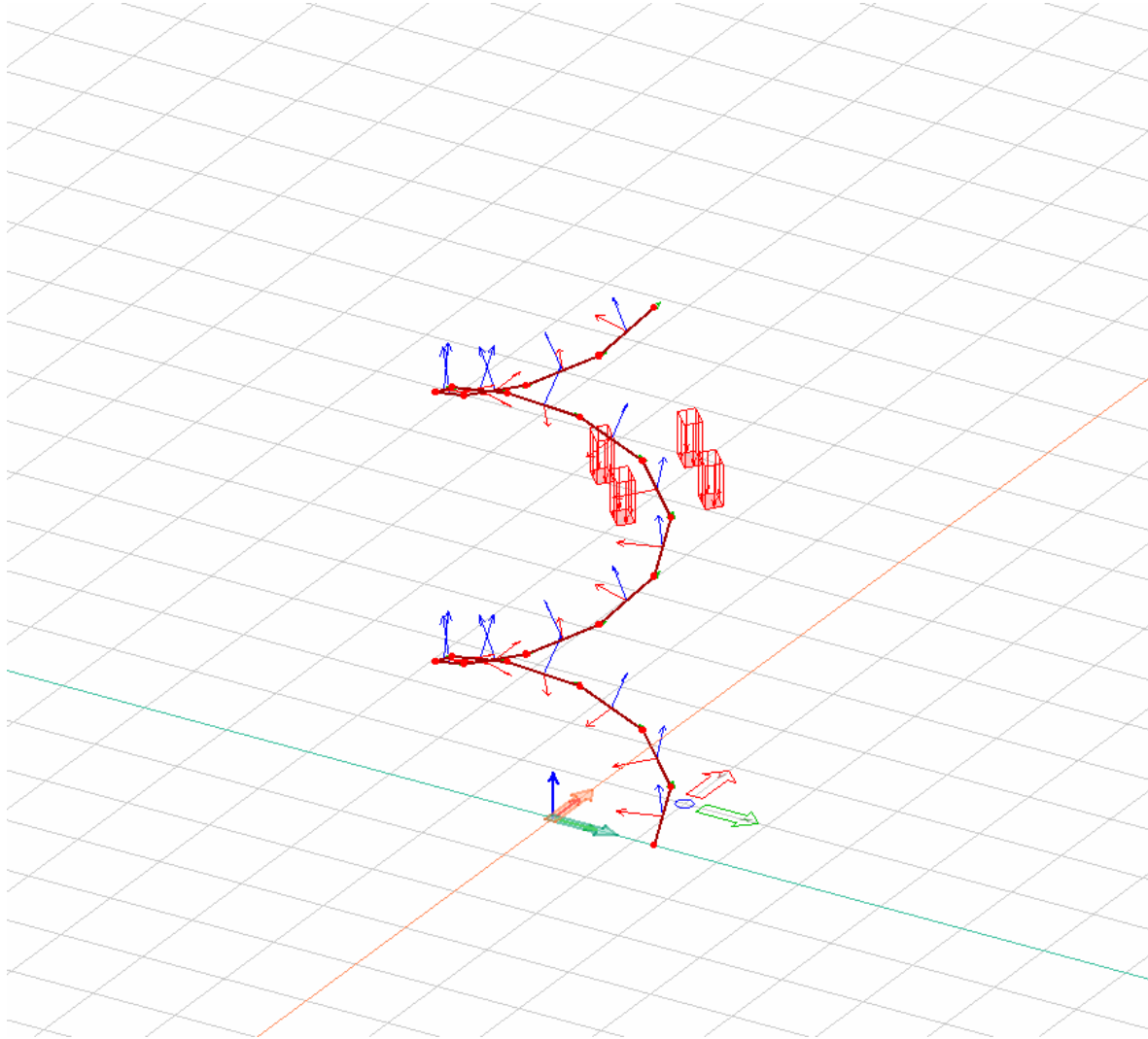
**Top View:** Shows the buckling factor: 1.22. The structure is a thin, curved, shell-like component.

**Perspective View:** Shows the buckling factor: 1.22. The structure is shown in a 3D perspective view, highlighting its curved geometry.

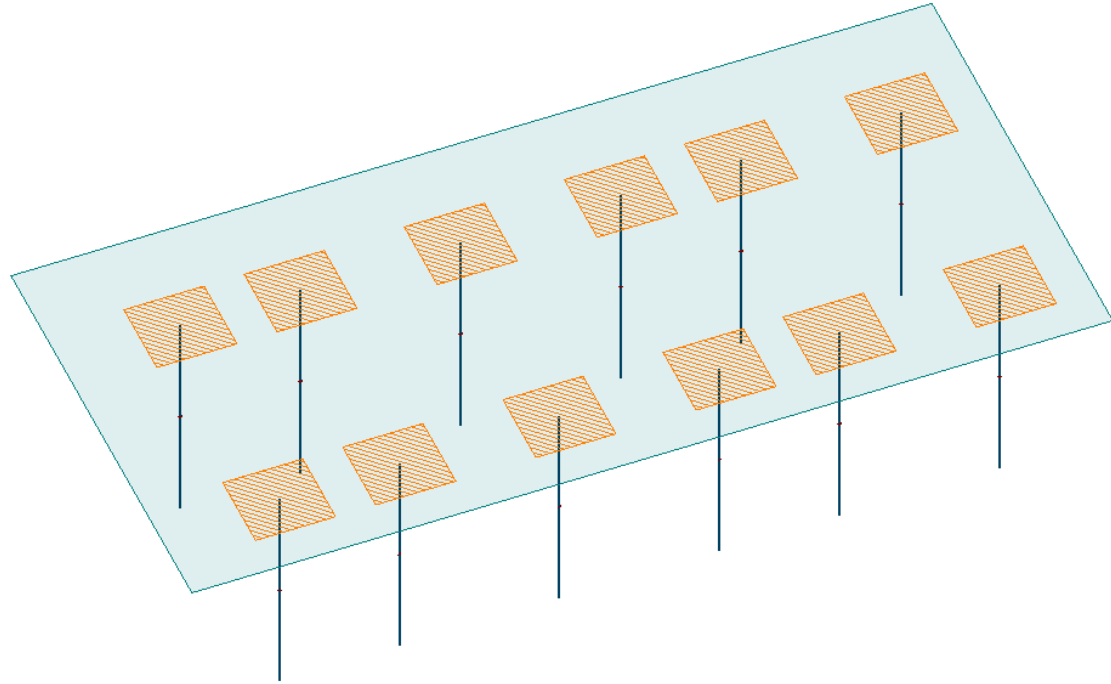
**Parameter Configuration Panel:**

- Stability.Define:**
  - LoadCombination: 5
  - NumShapes: 5
  - PositiveOnly:  Stability
  - NumIterations: 5
- Boolean Toggle:**
  - Toggle: **False**
  - Toggle: **True**
- Analysis.Define:**
  - StageSetting
  - Comb
  - Stability
  - Imperfection
  - Freq
  - Footfall
  - calcCase
  - calcCstage
  - calcImpf
  - calcComb
  - calcGmax
  - calcStab
  - calcFreq
  - calcSeis
  - calcDesign
  - calcFootfall
  - elemfine
  - diaphragm
  - peakSmoothing
- FEM-Design.RunAnalysis:**
  - Connection
  - Analysis
  - RunNode
  - Log
  - Success
  - Done
- FEM-Design.GetStabilityResults:**
  - Connection
  - Combo Name
  - Shapeld
  - Options
  - Units
  - RunNode
  - Success
  - Done
- Panel:**
  - 0 CriticalParameter, CaseIdentifier: ULS\_DL, Shape:
  - 1 CriticalParameter, CaseIdentifier: ULS\_DL, Shape:
  - 2 CriticalParameter, CaseIdentifier: ULS\_DL, Shape:
  - 3 CriticalParameter, CaseIdentifier: ULS\_DL, Shape:
  - 4 CriticalParameter, CaseIdentifier: ULS\_DL, Shape:

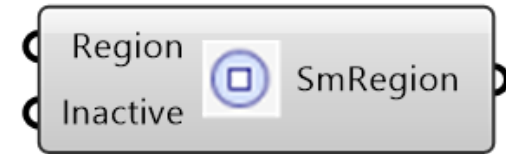
# Moving Load



# Peak Smooth Region

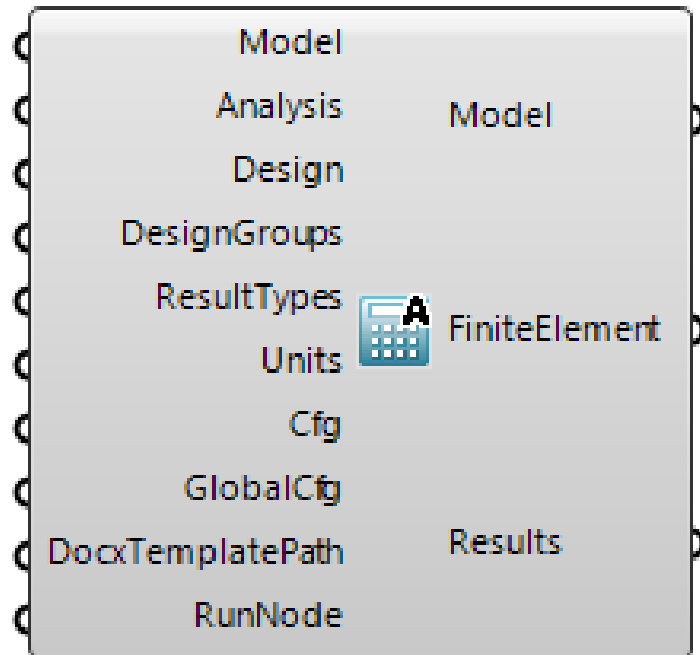


*Slab.PeakSmoothingRegion*



# Run Calculation

*Application.RunCalculation*

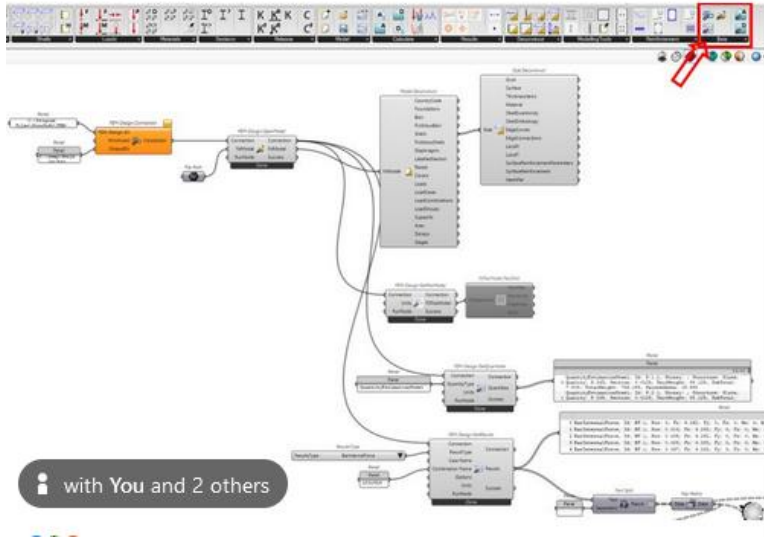




**Marco Intelisano** • 1st  
Civil Structural Engineer presso Sweco Norge AS  
4mo • Edited

Thanks for this gift, **StruSoft** development team!  
This livelink is what i wanted

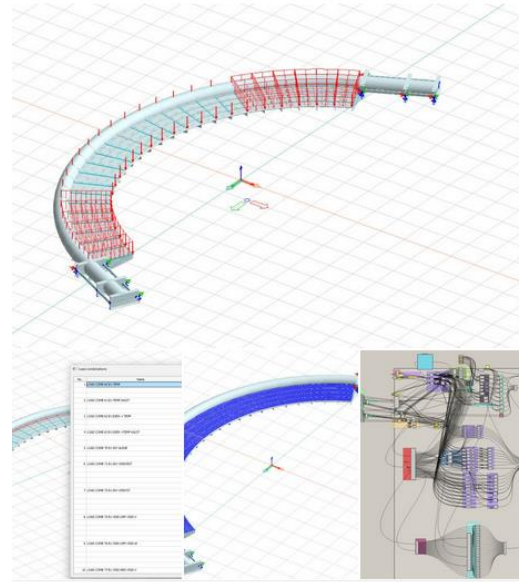
...see more



**NODE rådgivende ingeniører AS**  
509 followers  
6mo

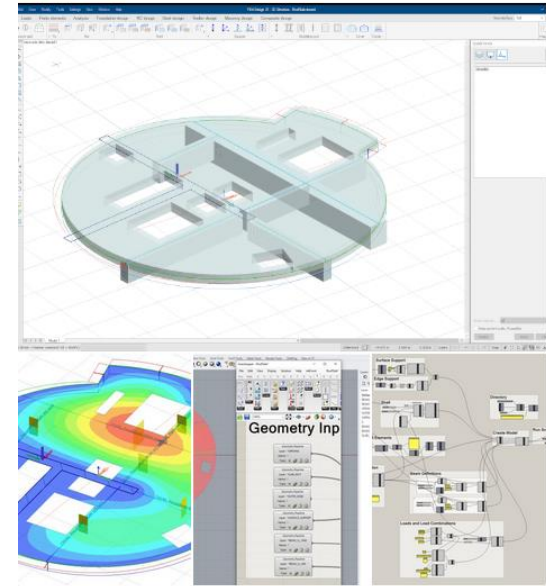
+ Follow

We have recently been working on a converting-script in Grasshopper for calculation file from STAAD to FEM-Design, and would like to share some screenshots. ...see more



**Berk Demir** • 1st  
Senior Tunnel Engineer at NIRAS  
1yr • Edited

I have been working on **StruSoft's FEM-Design** and **#Grasshopper** connection for a trial case of a precast cover slab for a shaft. The results were great and even more than I expected! I was OK with some ...see more



**David Bohman** • 1st  
Bridge Engineer at Sweco Civil  
4mo

Last year I worked on a quay project where the power of parametric design really came into action. Here is a short summary and some highlights in three parts from the project. ...see more

