

AxisVM Report Generation Example

Inter-CAD Kft.

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1 Model Information

N Node	280
N Line	682
N Surface	404
N Member	6
N Domain	4

1.1 Domains

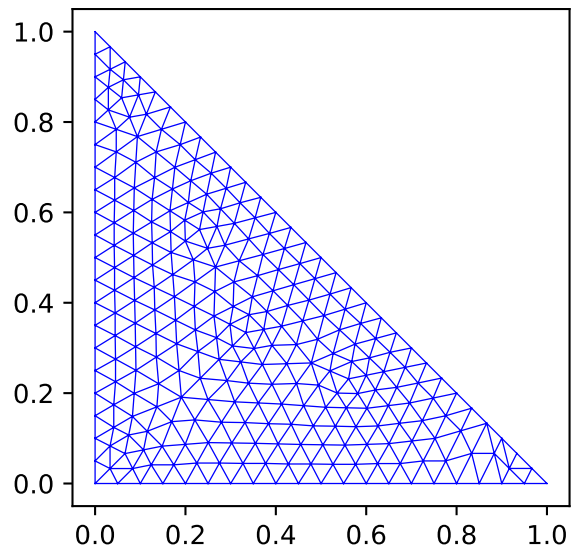


Figure 1: Domain 1

2 Results

2.1 ULS

2.1.1 Degree of freedom solution of a domain for a single load case.

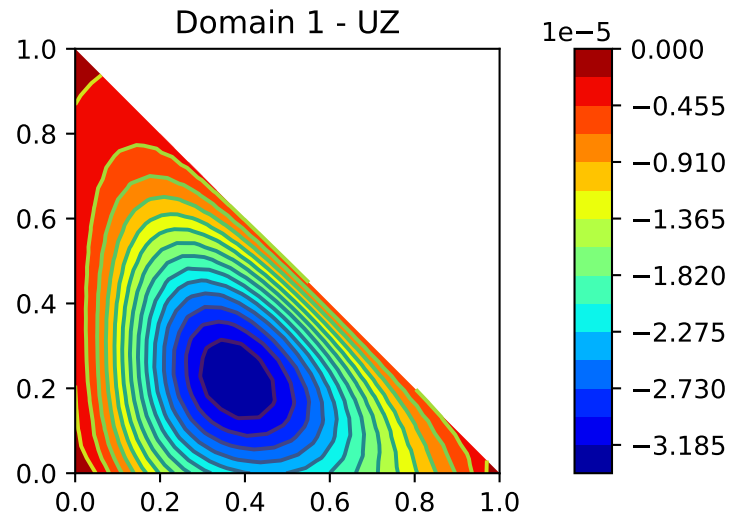


Figure 2: Degree of Freedom Solution for Domain 1

2.1.2 Von-Mises stress distribution of a domain for a single load case.

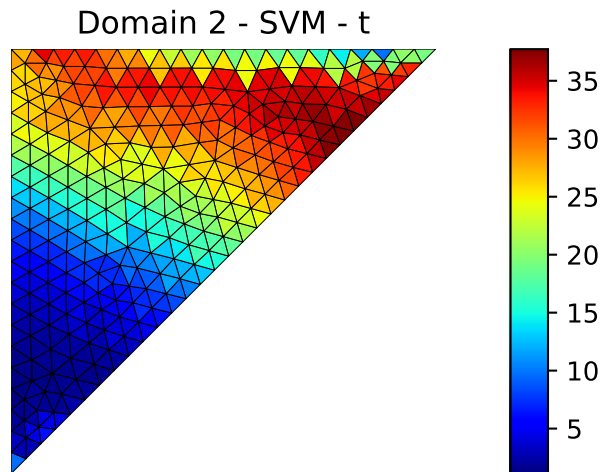


Figure 3: Von Mises Stresses for Domain 1

3 XLAM

3.1 Efficiencies

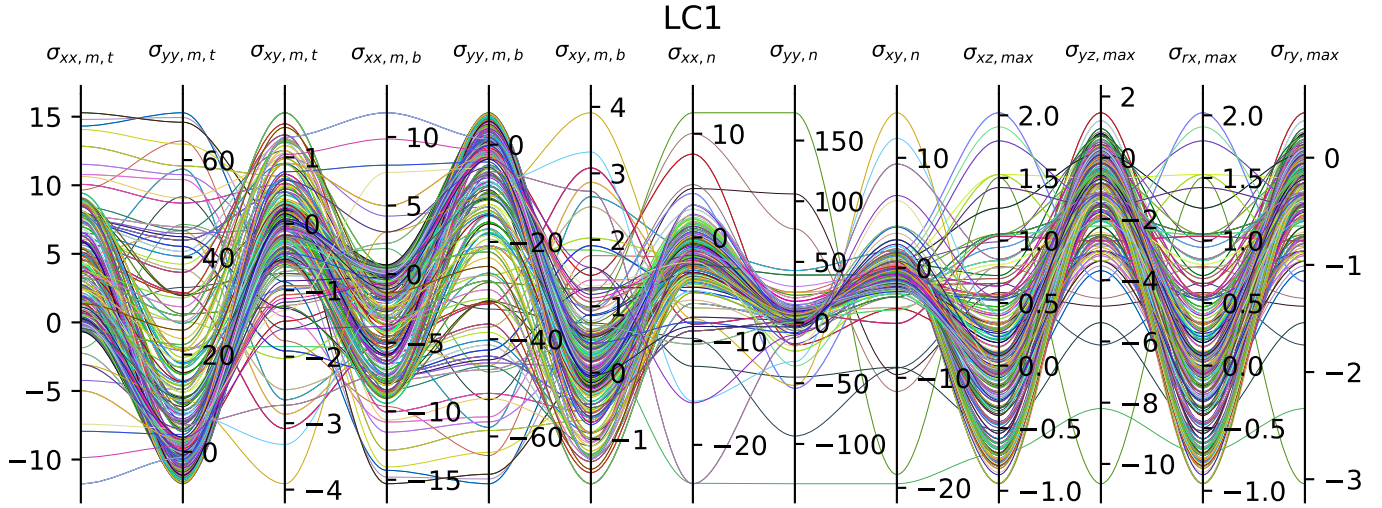


Figure 4: Stresses of a domain.

Critical combination for Node 161 of Surface 347 of Domain 4

$$1.5 \cdot \text{LC1} + 1.05 \cdot \text{LC3} + 1.05 \cdot \text{LC4}$$

Critical combination for Domain 4

$$1.05 \cdot \text{LC1} + 1.05 \cdot \text{LC2} + 1.5 \cdot \text{LC3} + 1.05 \cdot \text{LC4}$$

Critical combination for all Domains

$$1.05 \cdot \text{LC1} + 1.05 \cdot \text{LC2} + 1.5 \cdot \text{LC3} + 1.05 \cdot \text{LC4}$$

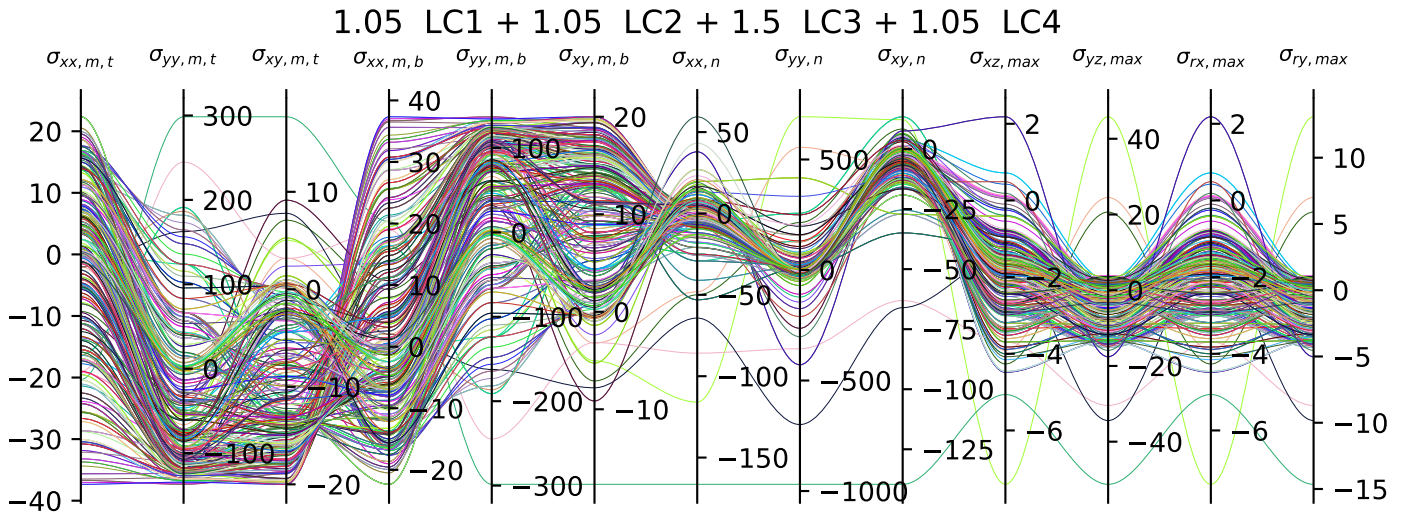


Figure 5: Stresses of a domain.