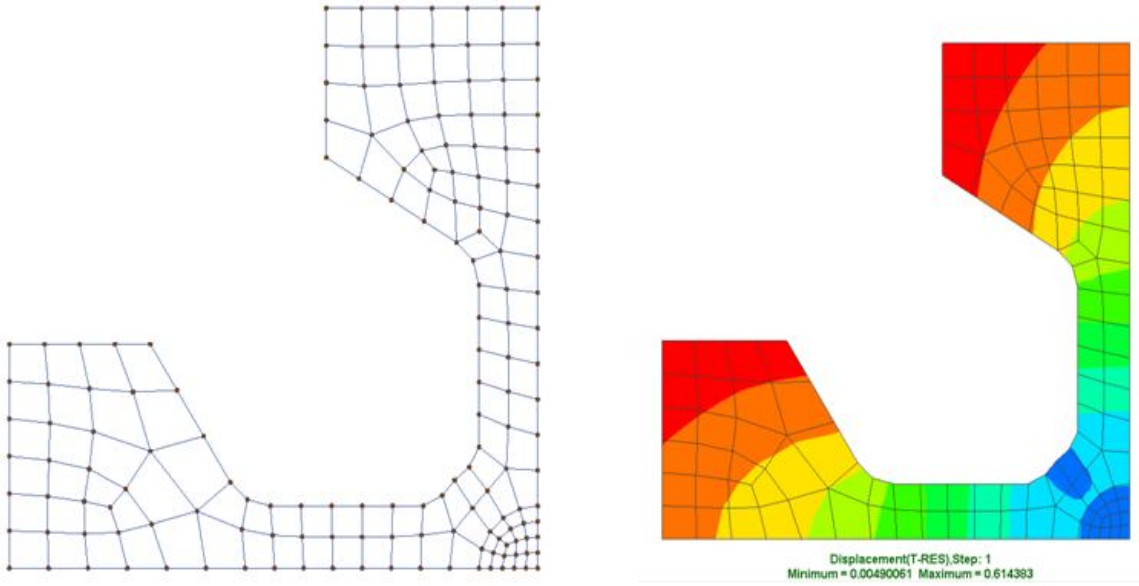


Structural analysis of a biaxial test specimen with different load cases to validate material nonlinearity



Material property : Modulus of elasticity , $E = 189950 \text{ MPa}$
 $\nu = 0.3$

Element types : Quadrilateral shell

Finite element statistics	:	Number of elements	Number of nodes	Degrees of freedom
		319	600	1658

Output parameter	FEAST ^{SMT}	Abaqus [®]
Biaxial tensile load case - Resultant displacement, <i>mm</i> at the end of 10 th load step	0.6140	0.6120