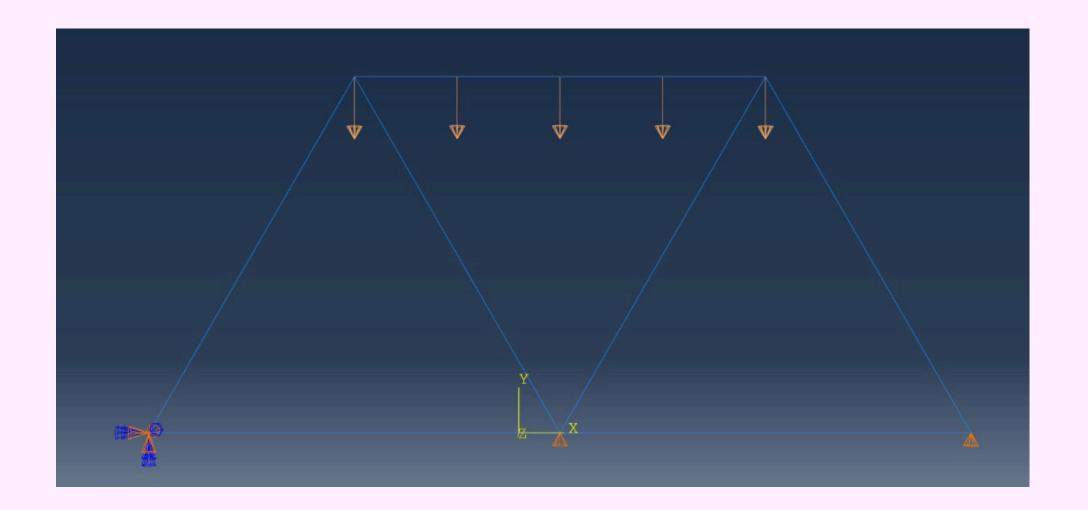
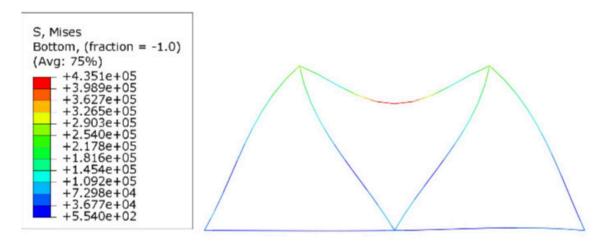
case 1: Distributed load (q=100N/m)



length of each beam = 50m Youngs modulus of material used = 200 GPa poisson's ratio = 0.3



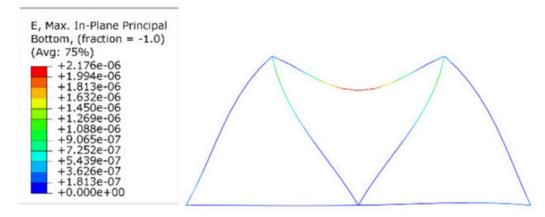






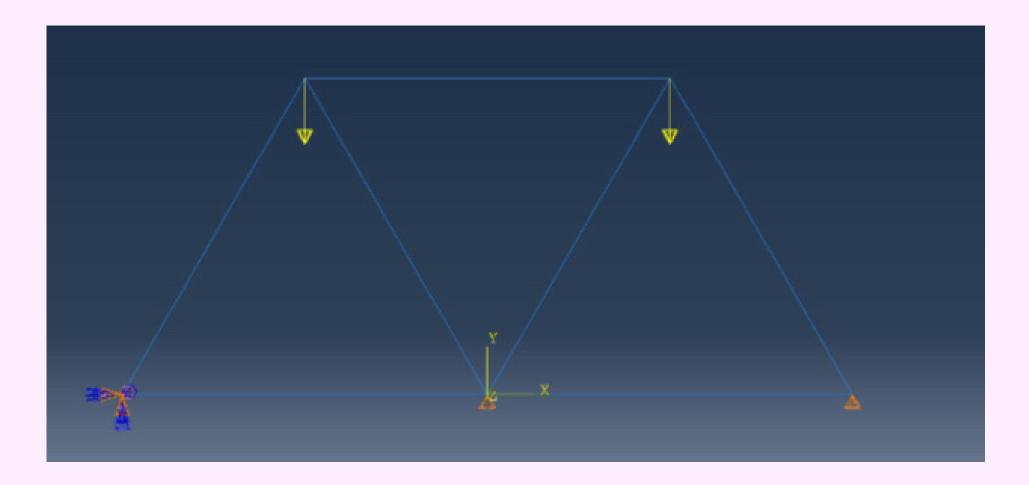
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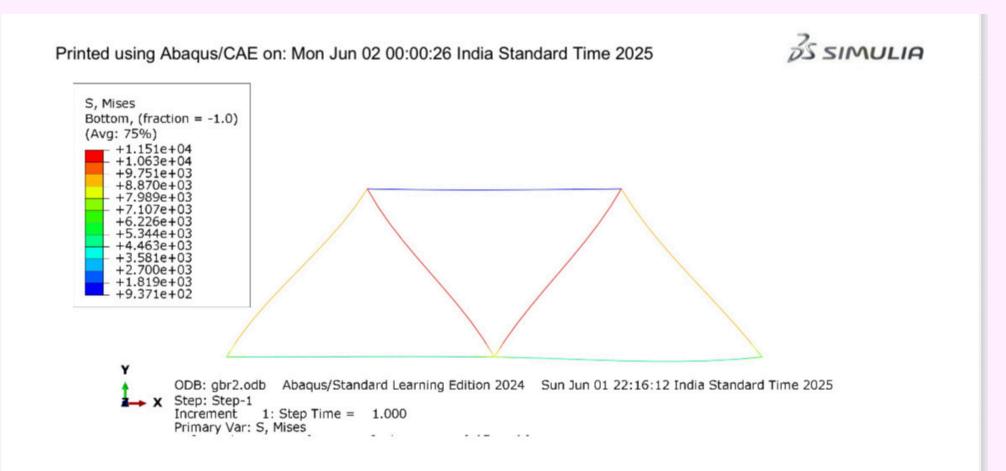


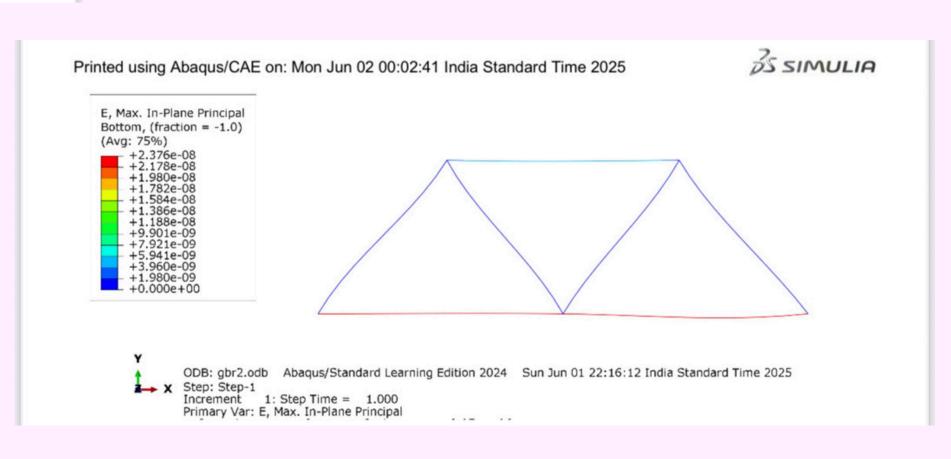


Case 2: concentrated point load (2p = q = 100N/m)

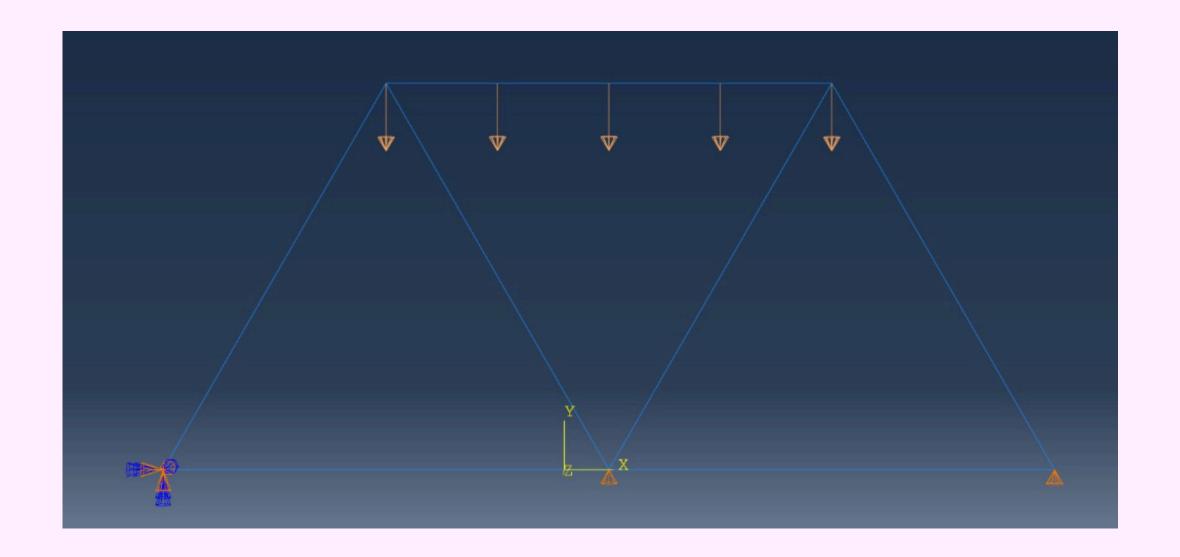


length of each beam = 50m Youngs modulus of material used = 200 GPa poisson's ratio = 0.3





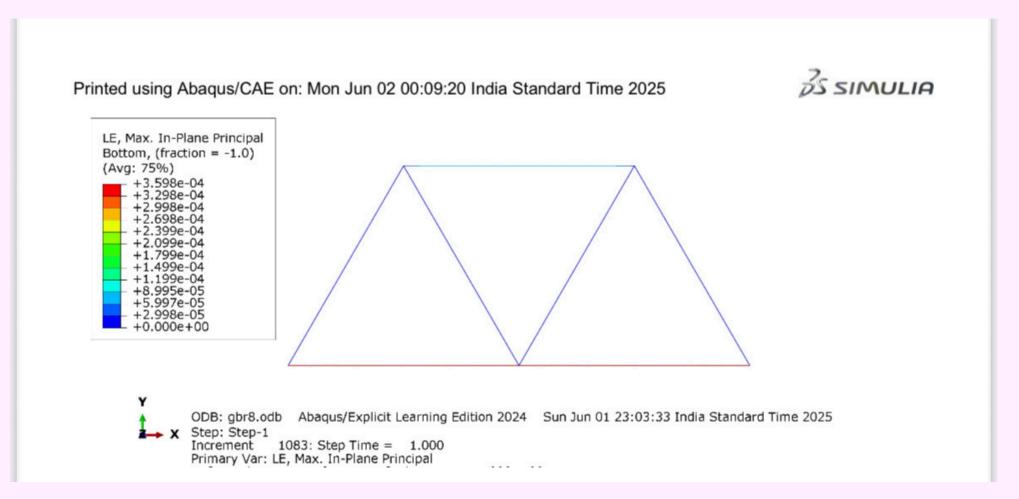
case 3: Uniform velocity load (v)

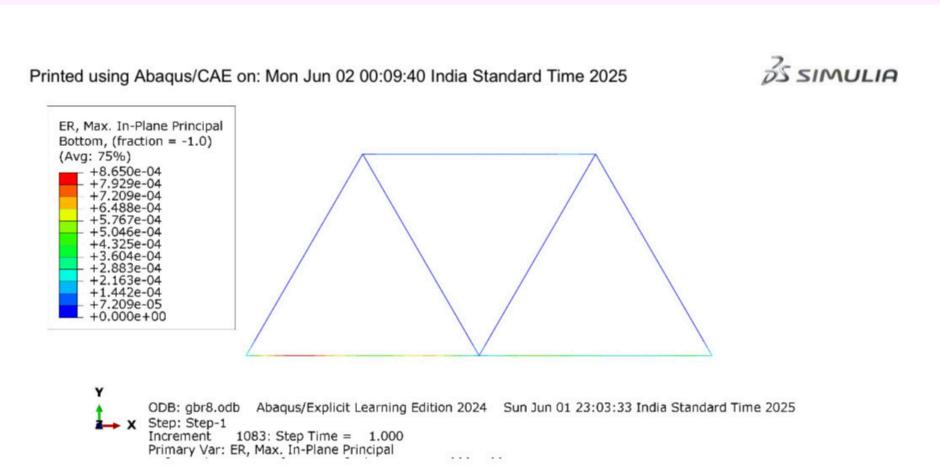


length of each beam = 50m Youngs modulus of material used = 200 GPa poisson's ratio = 0.3

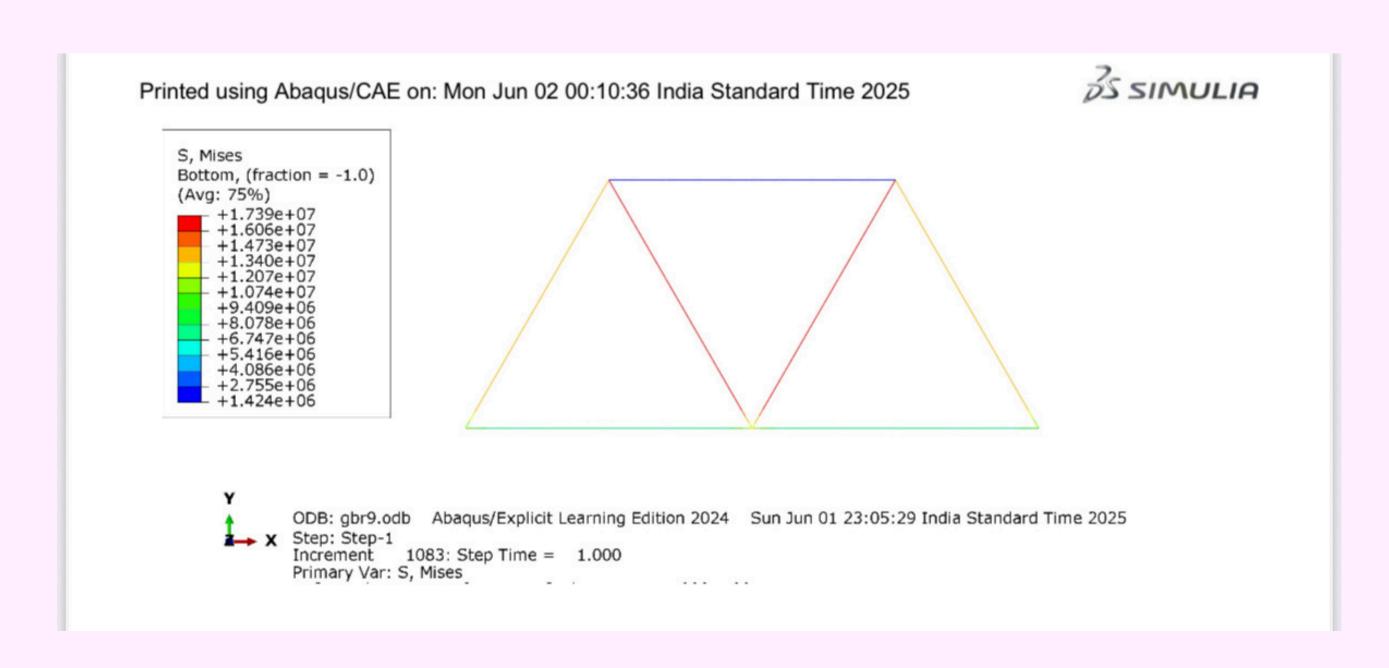
For v = 0.5mm/s:



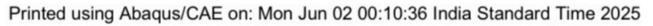




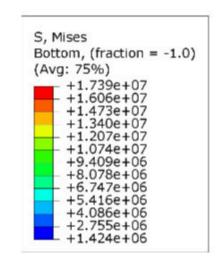
For v = 5 mm/s:

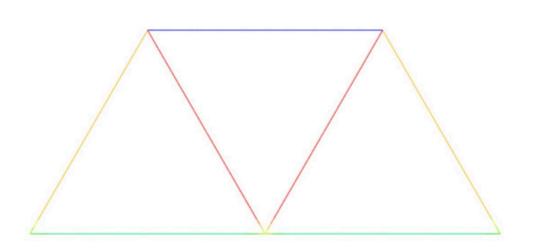












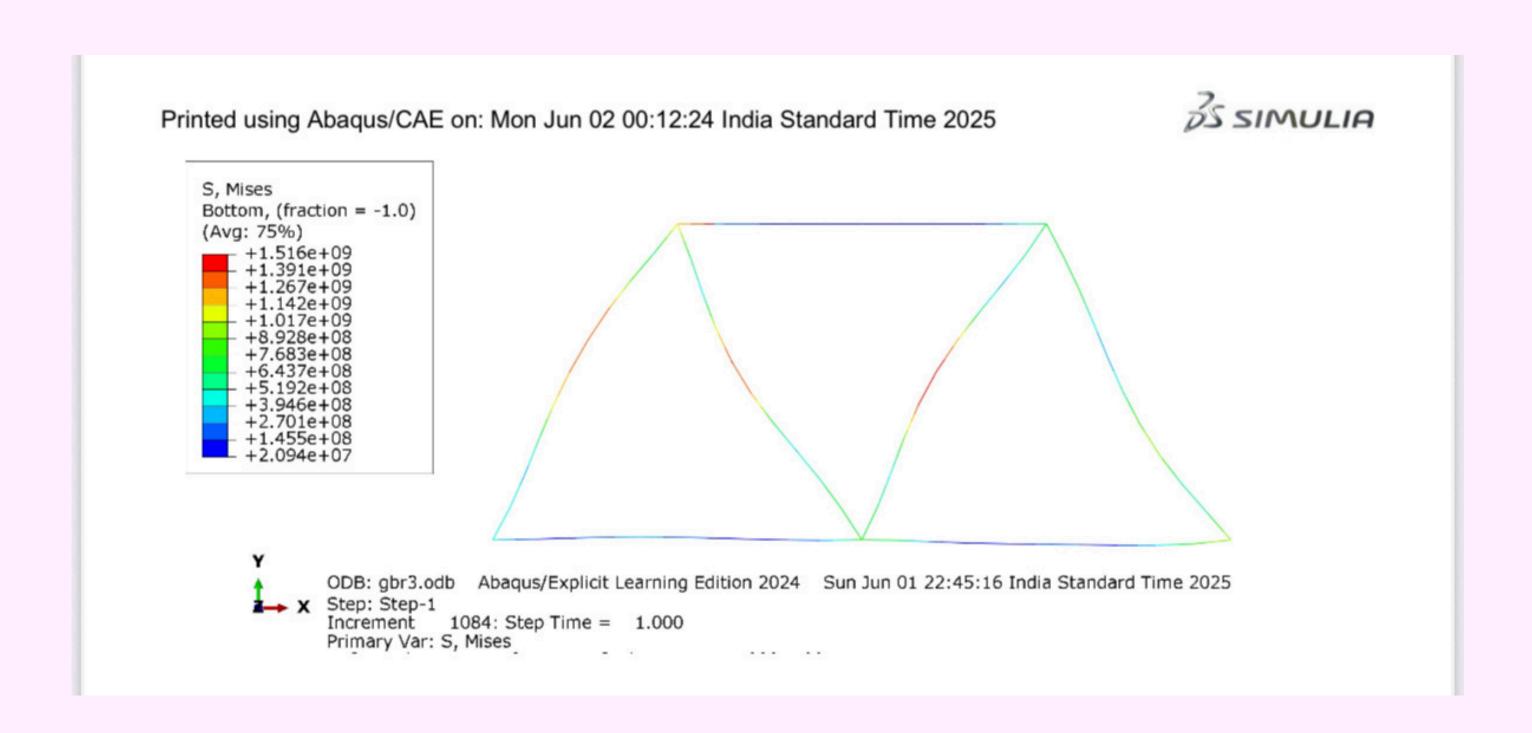


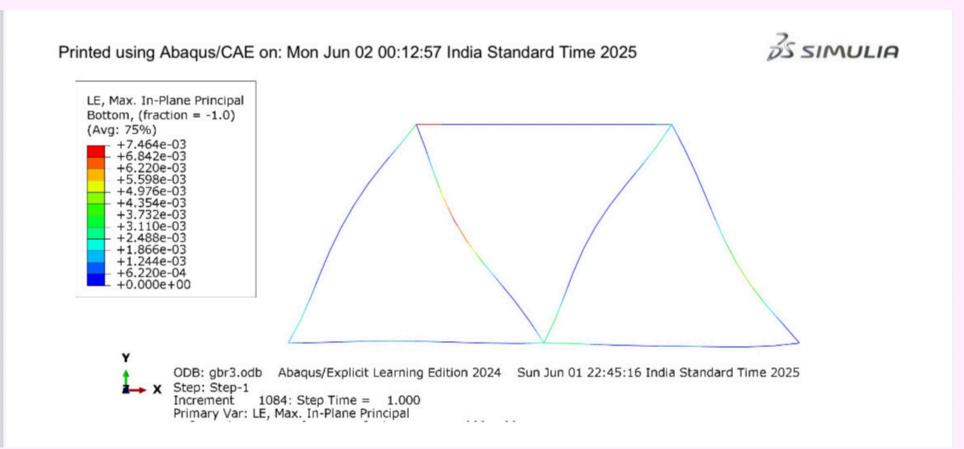
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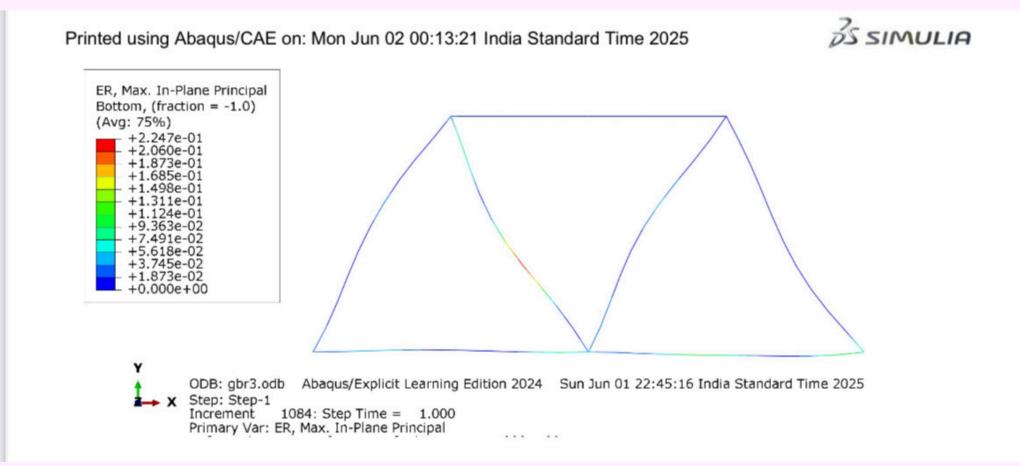
Step: Step-1 Increment 1083: Step Time = 1.000

Primary Var: S, Mises

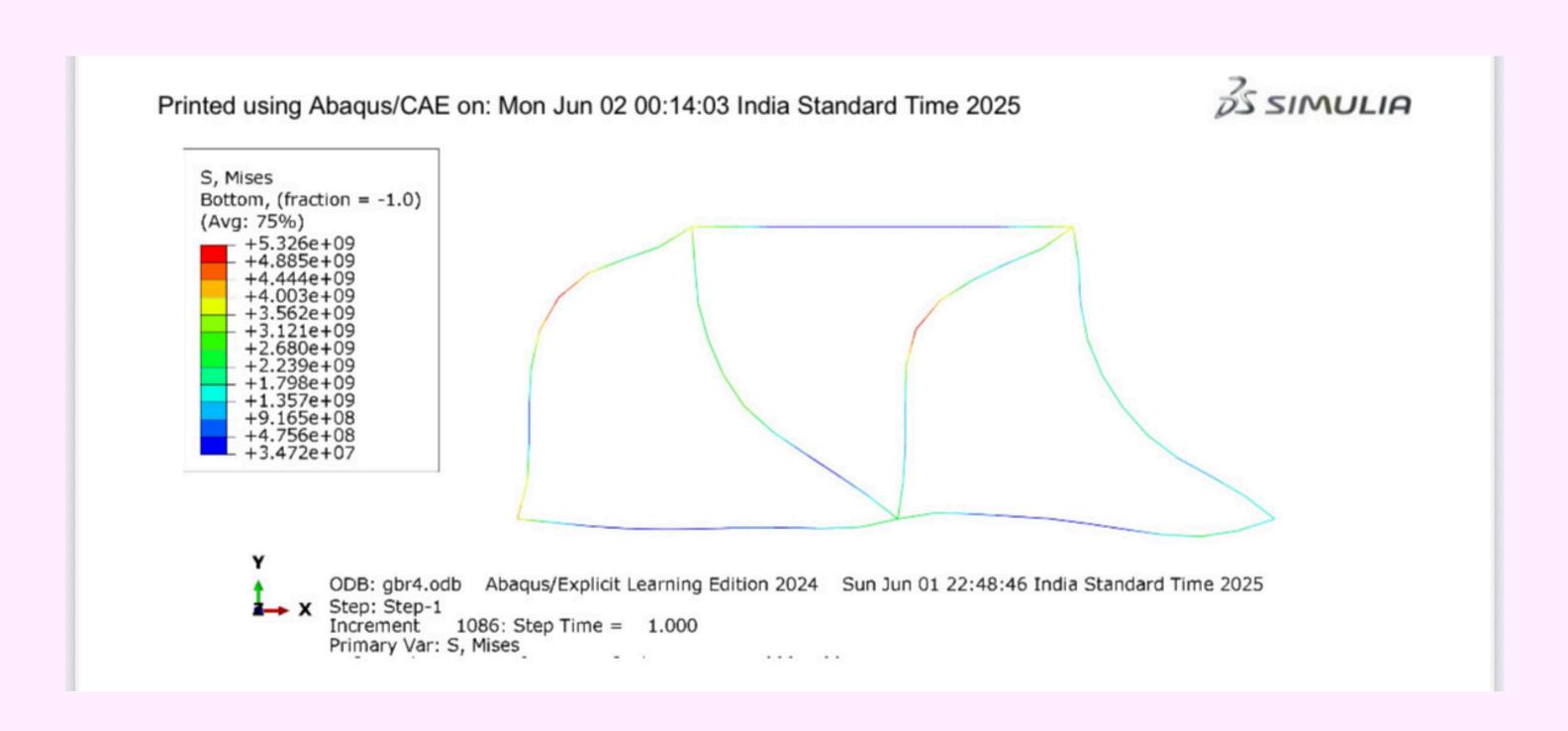
For v = 50mm/s:



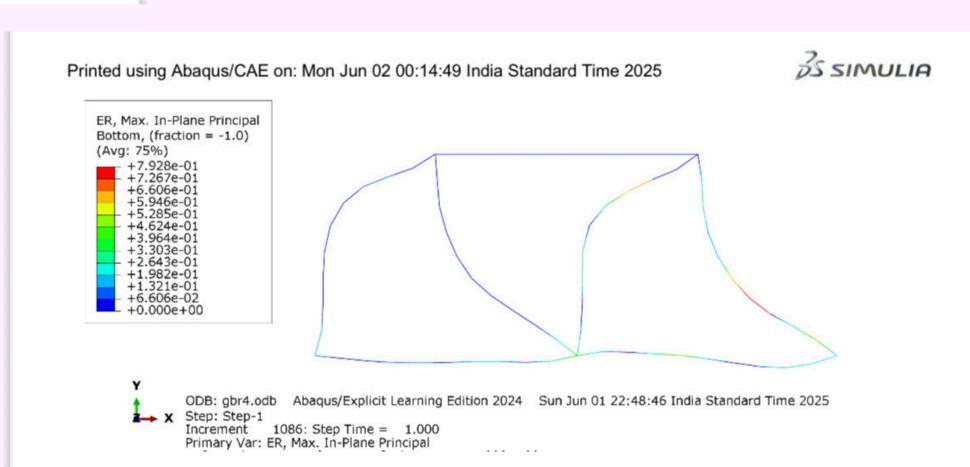




For v = 500mm/s:







For v = 5000mm/s:



