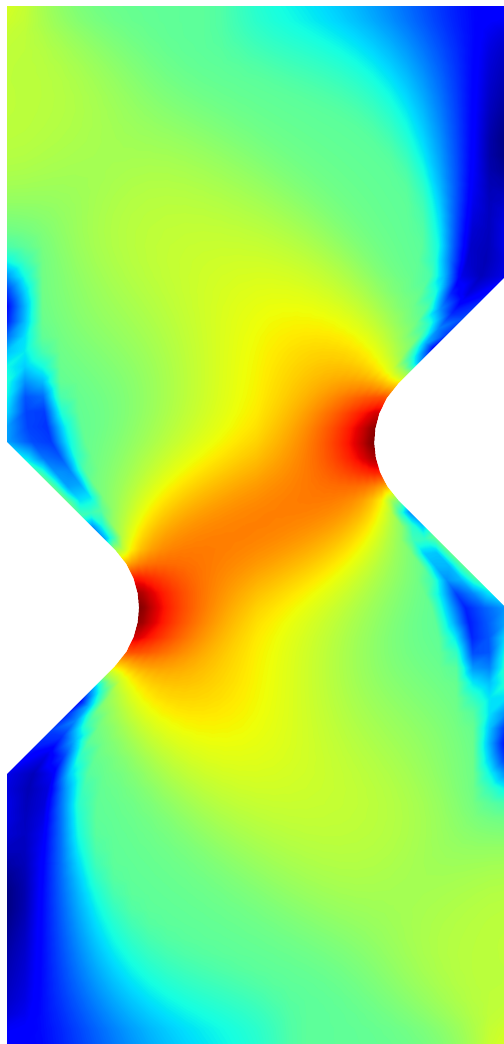
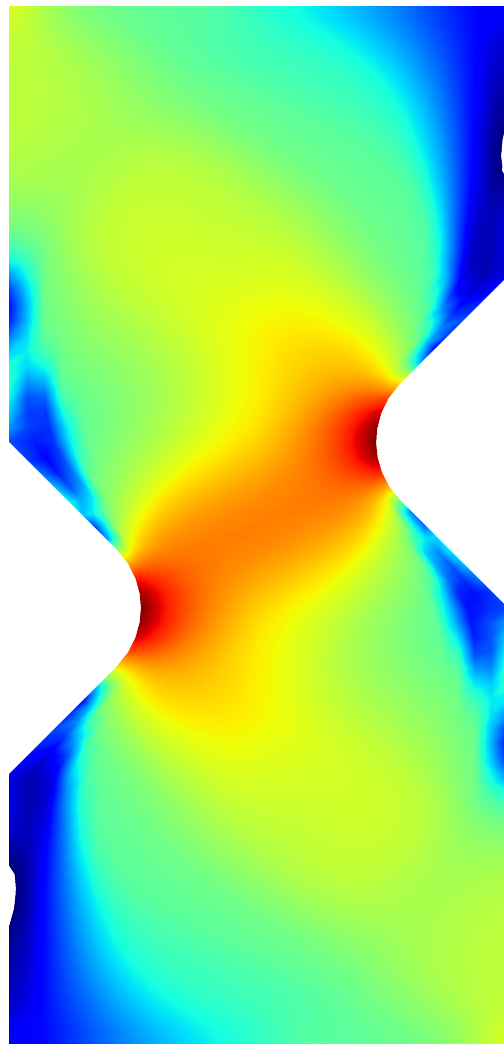


Abaqus
 σ_{vM} [MPa]

336.833
300.322
263.811
227.300
190.789
154.278
117.767
81.255
44.744
8.233

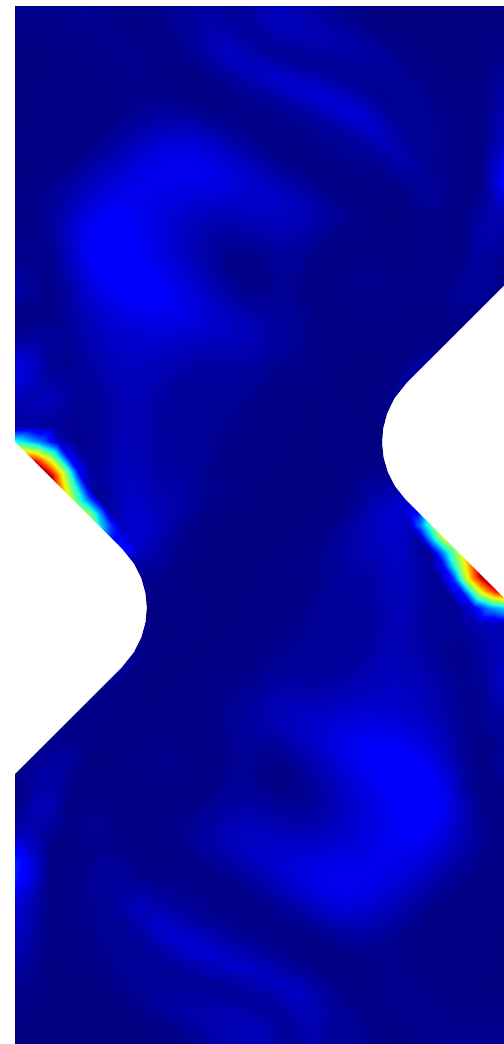


Dir-RNN
 σ_{vM} [MPa]



Abs. error
 $\delta \sigma_{vM}$ [MPa]

67.971
60.421
52.871
45.321
37.771
30.221
22.671
15.121
7.571
0.021



Mean: 2.322
Median: 1.144
Max.: 67.971
Min.: 0.021