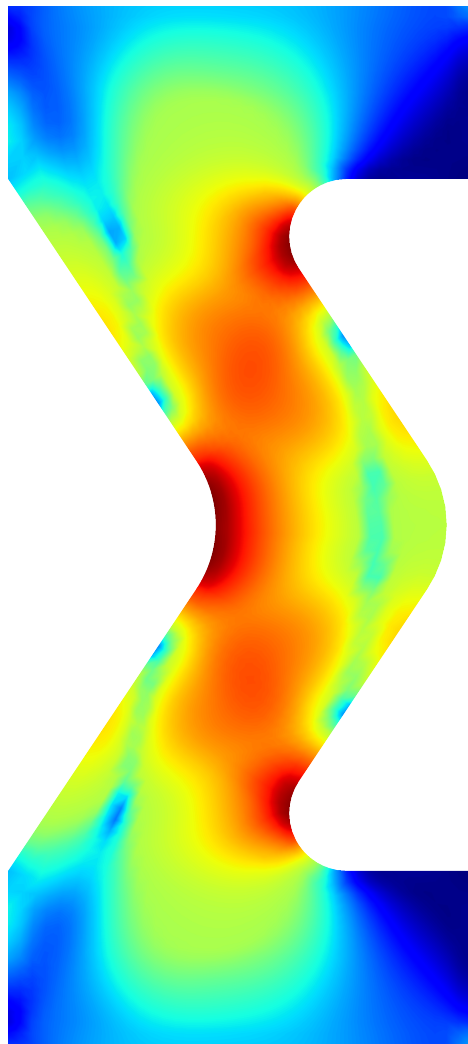
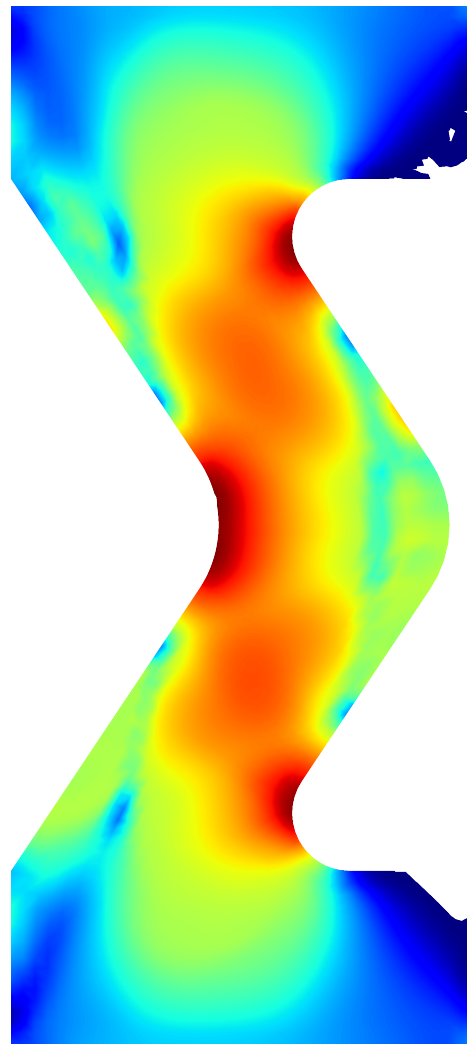


Abaqus
 σ_{vM} [MPa]

288.012
256.071
224.129
192.187
160.245
128.304
96.362
64.420
32.478
0.537

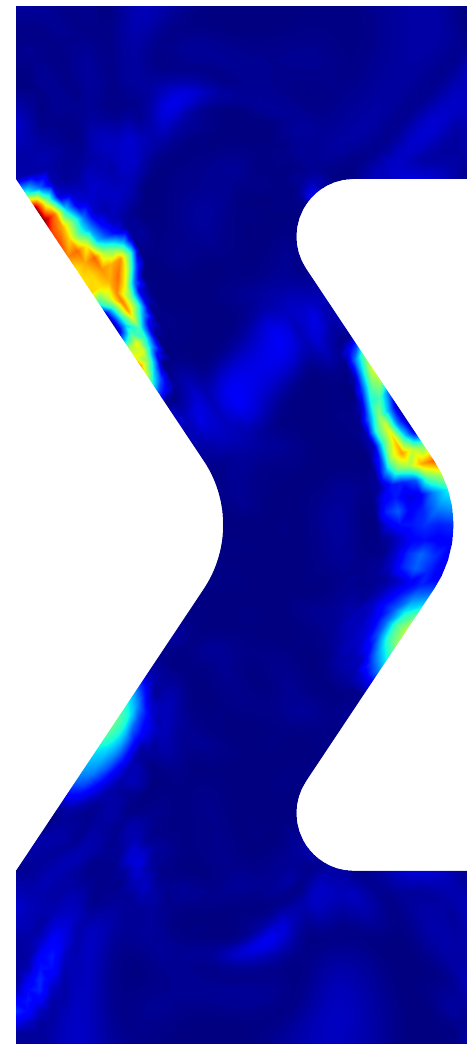


Dir-RNN
 σ_{vM} [MPa]



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

71.699
63.736
55.773
47.810
39.847
31.885
23.922
15.959
7.996
0.033



Mean: 3.293
Median: 1.213
Max.: 71.699
Min.: 0.033