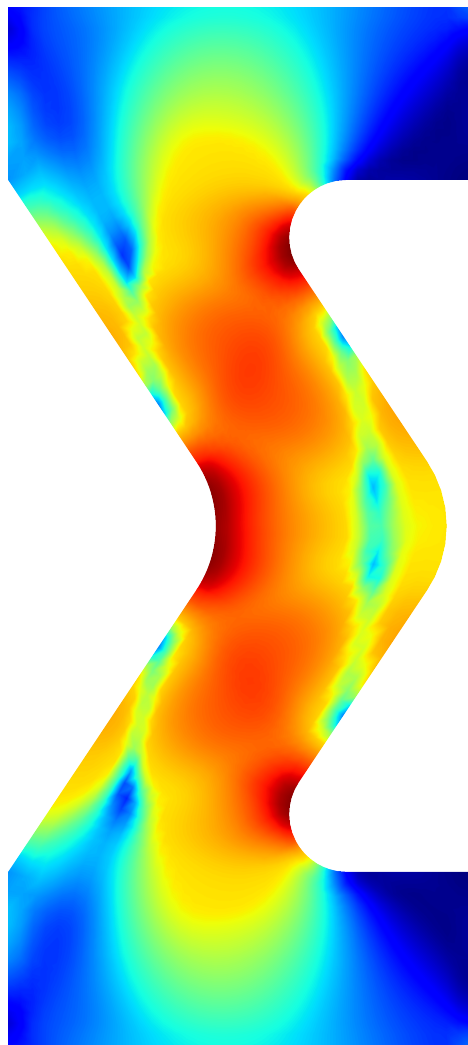
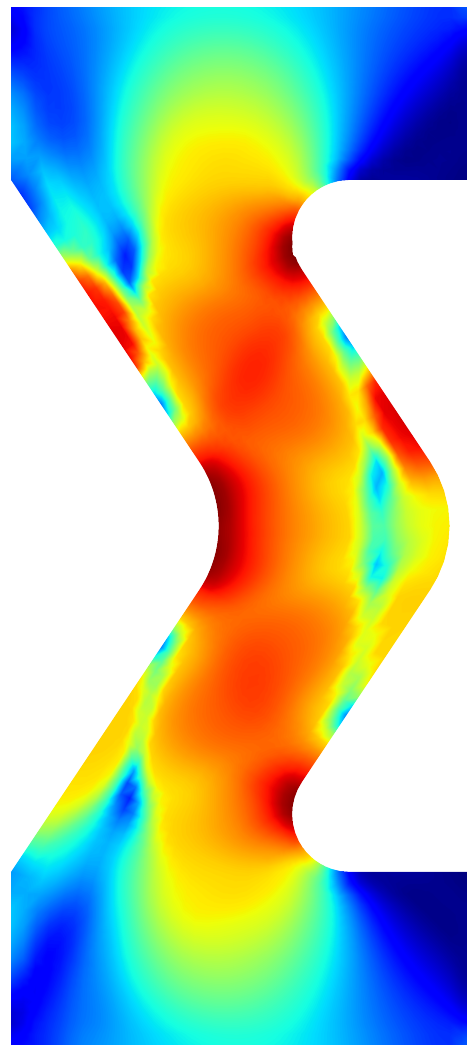


**Abaqus**  
 $\sigma_{vM}$  [MPa]

239.889  
213.281  
186.674  
160.066  
133.458  
106.850  
80.243  
53.635  
27.027  
0.419

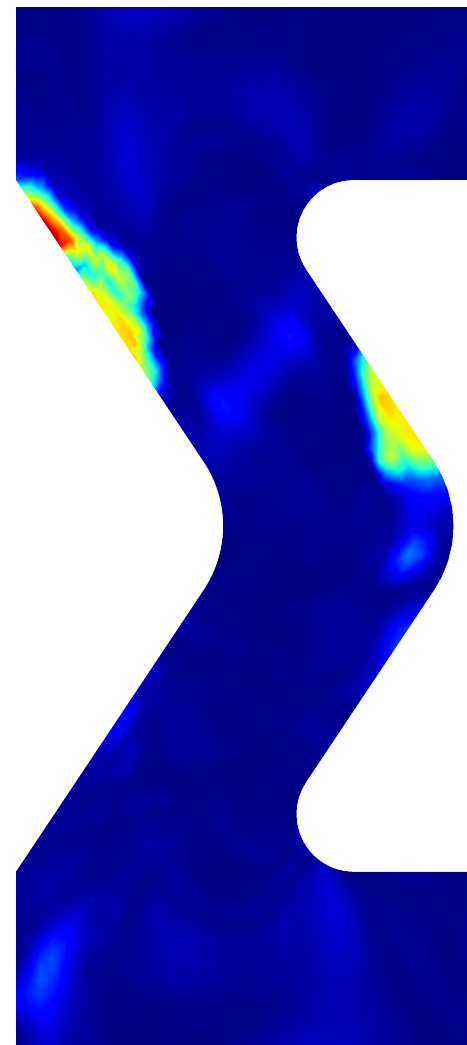


**Dir-RNN**  
 $\sigma_{vM}$  [MPa]



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

67.888  
60.349  
52.809  
45.269  
37.729  
30.190  
22.650  
15.110  
7.570  
0.031



Mean: 2.786  
Median: 1.141  
Max.: 67.888  
Min.: 0.031