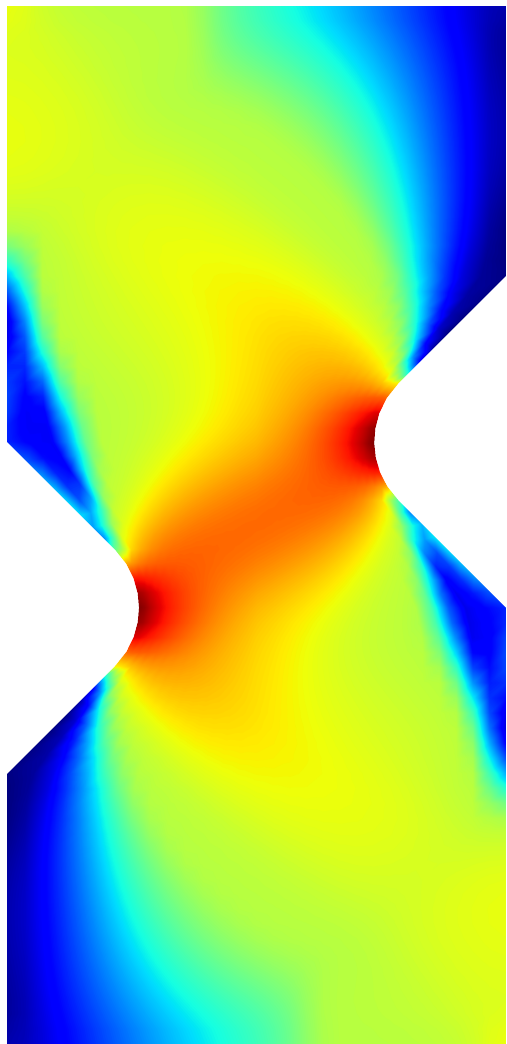
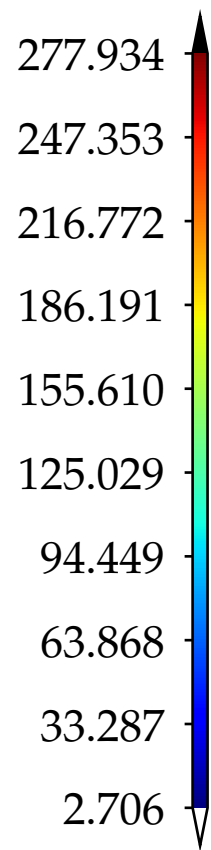
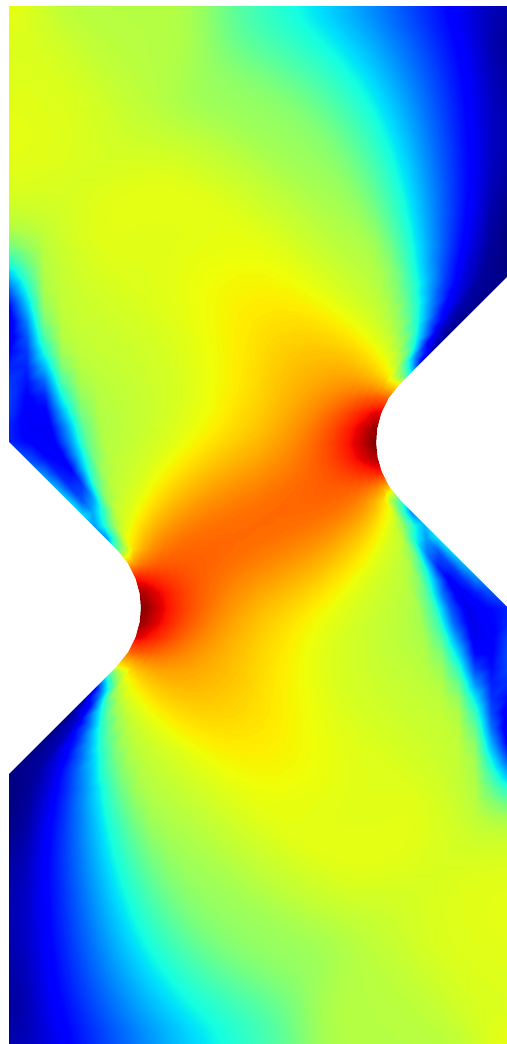


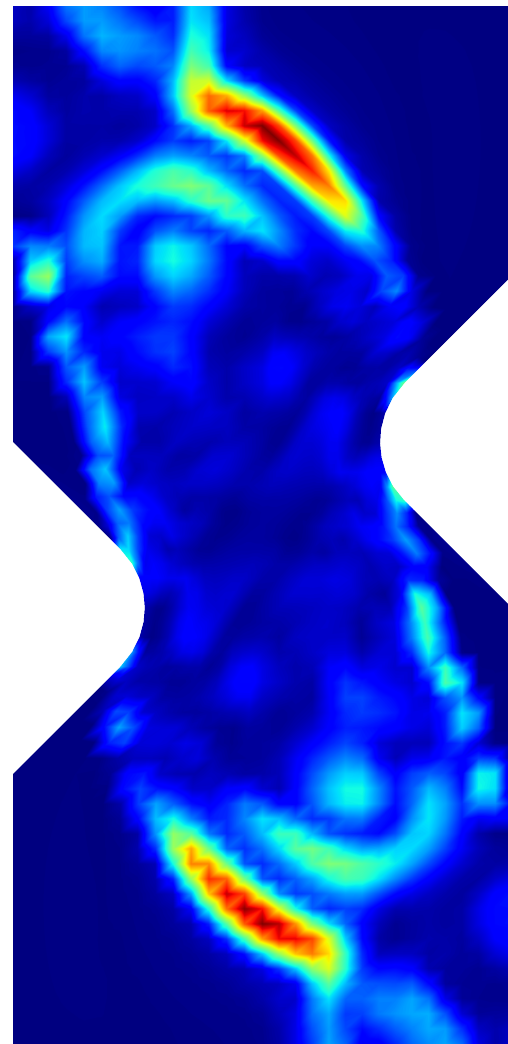
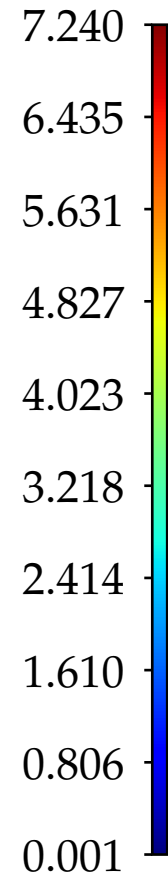
**Abaqus**  
 $\sigma_{vM}$  [MPa]



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



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



Mean: 0.852  
Median: 0.435  
Max.: 7.24  
Min.: 0.001