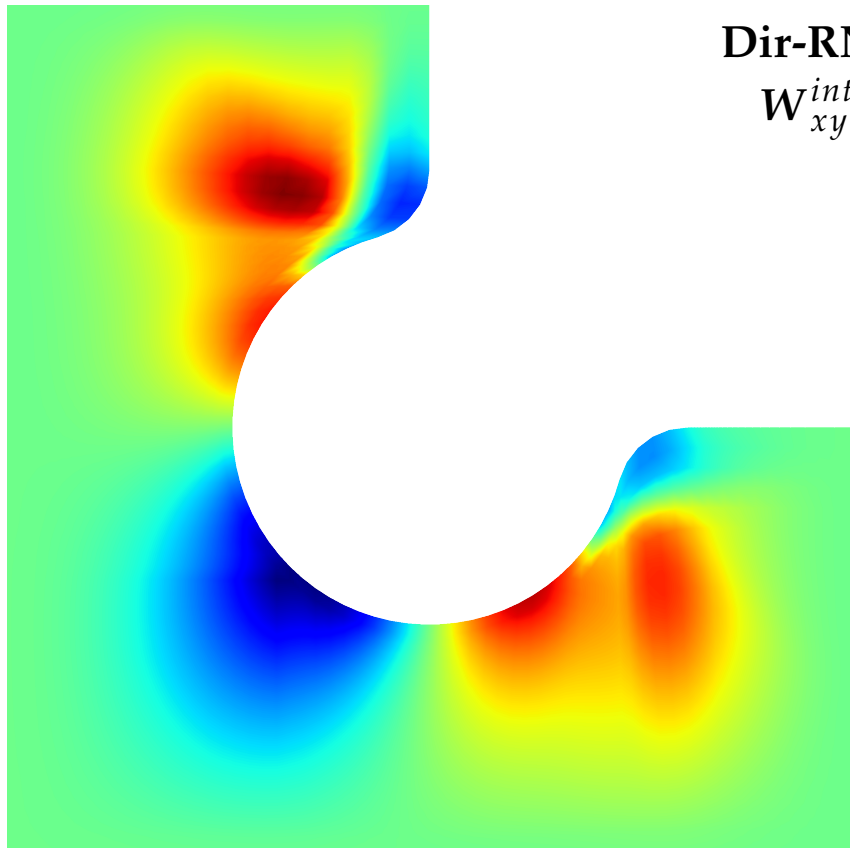
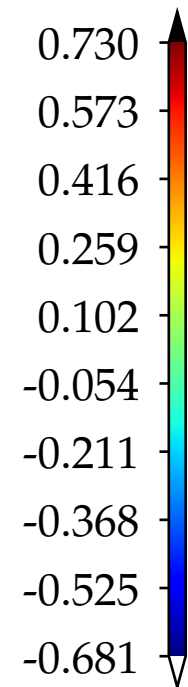
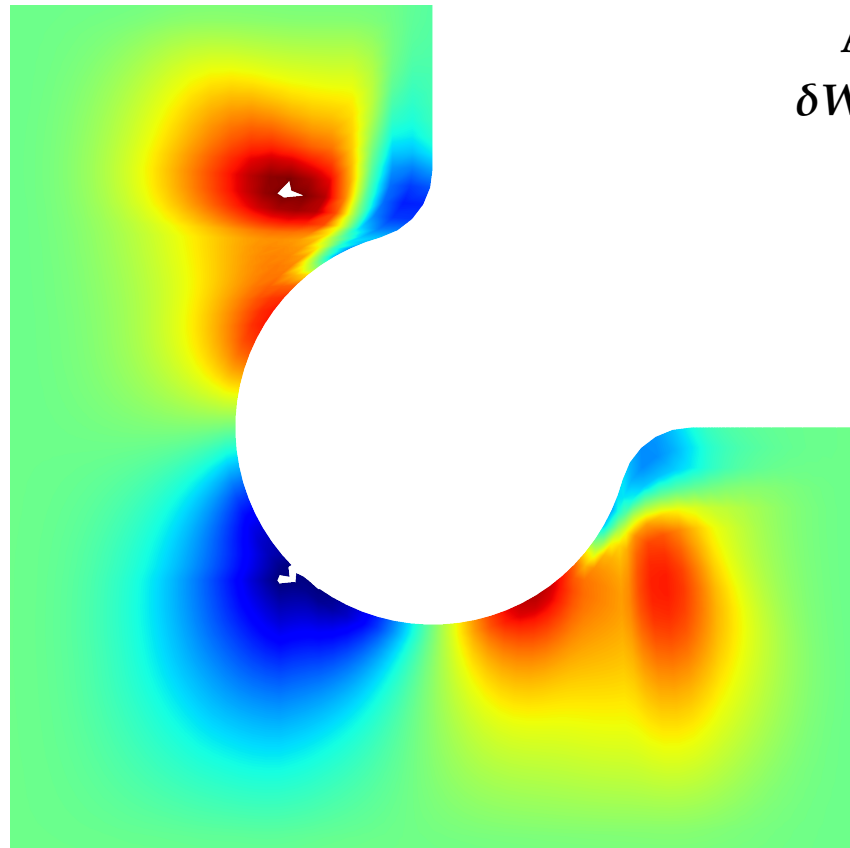


**Abaqus**  
 $W_{xy}^{int}$  [J]



**Dir-RNN**  
 $W_{xy}^{int}$  [J]



**Abs. error**  
 $\delta W_{xy}^{int}$  [MPa]

