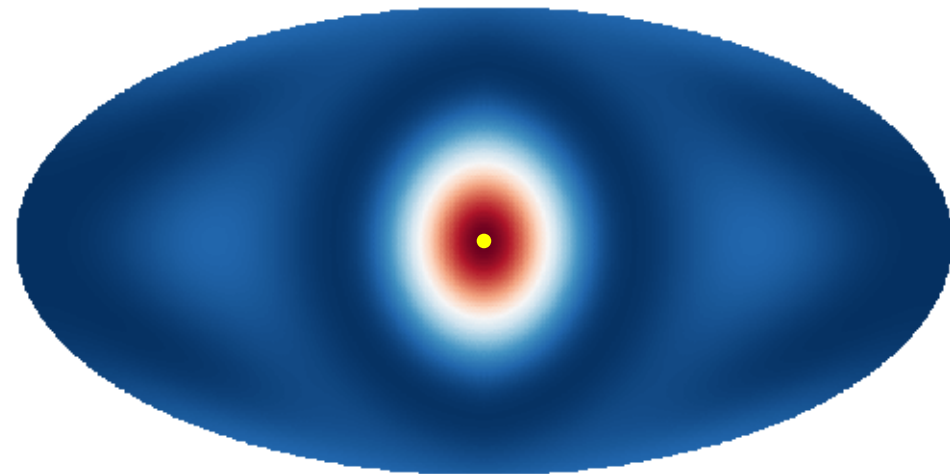


$\text{Tr}[H_{ij}^{(0)}]$



$H_{ij}^{(0)}H_{ij}^{(0)}$