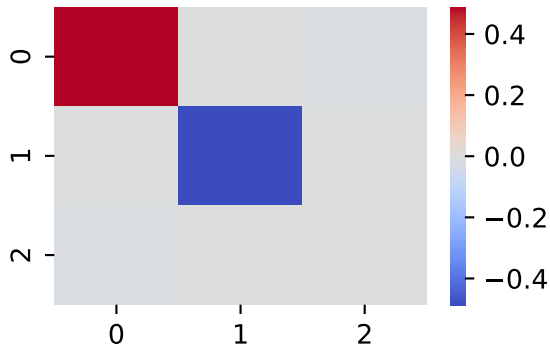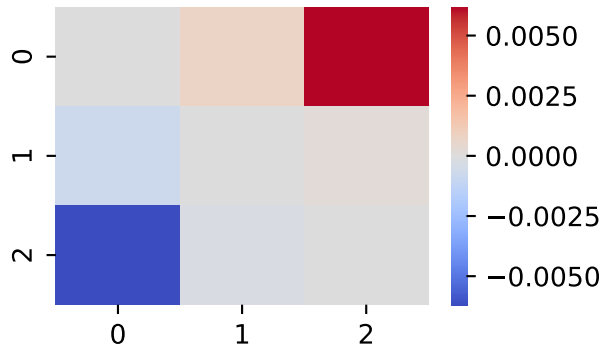$O_{01}(0,0)$, $\beta = 4.0$, deformation parameters