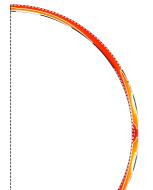
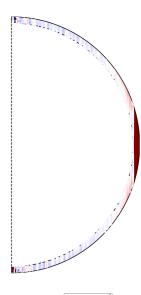
## Entropy perturbation



 $t = 3.096 \times 10^2$ 

## Angular velocity $\omega$



 $t = 3.096 \times 10^2$ 

-0.050 -0.025 0.000 0.025 0.050

-0.0008-0.0004 0.0000 0.0004 0.0008