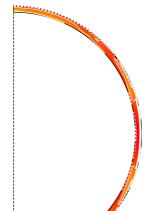
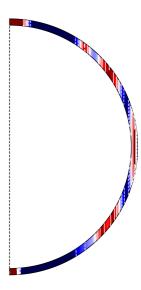
## Entropy perturbation



 $t = 2.295 \times 10^3$ 

## Angular velocity $\omega$



 $t = 2.295 \times 10^3$ 



