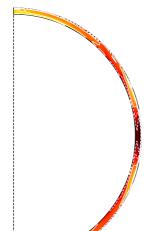
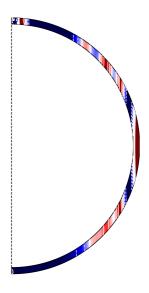
## Entropy perturbation



 $t = 6.436 \times 10^{1}$ 

## Angular velocity $\omega$



 $t = 6.436 \times 10^{1}$ 



-0.006 -0.003 0.000 0.003 0.006