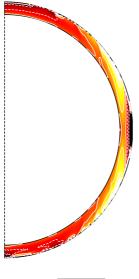
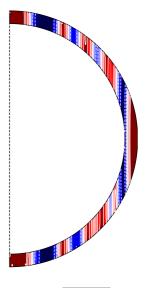
## Entropy perturbation

## Angular velocity $\omega$





 $t = 3.735 \times 10^3$ 





