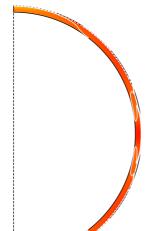
## Entropy perturbation



 $t = 4.922 \times 10^2$ 

## Angular velocity $\omega$



 $t = 4.922 \times 10^2$ 



