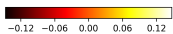
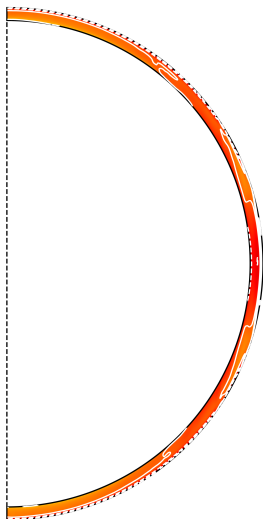


Entropy perturbation



Angular velocity  $\omega$

