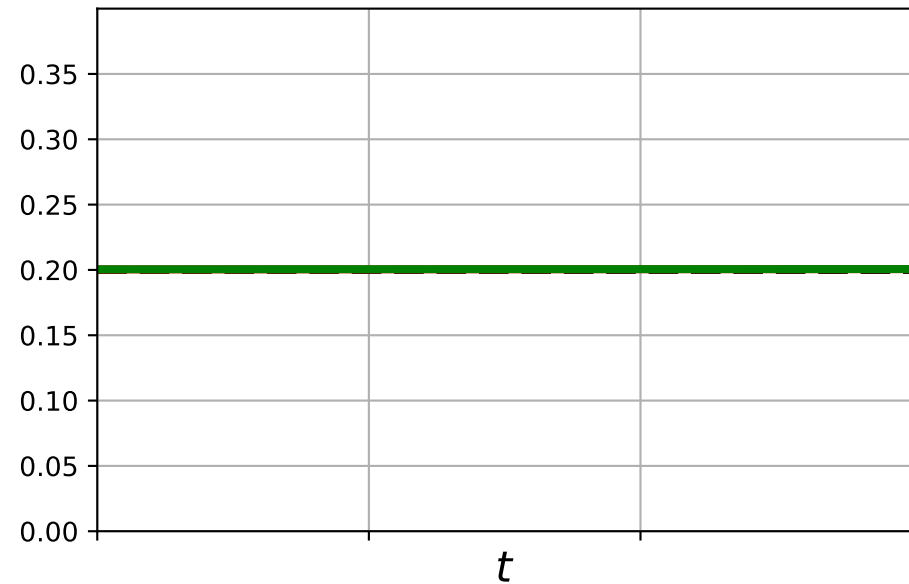


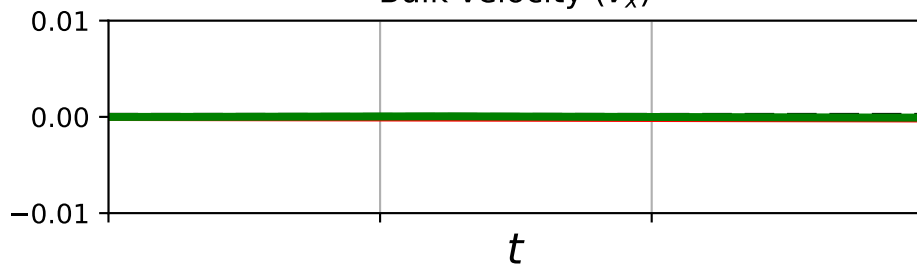
# Sum of two Maxwellian distributions ( $\Lambda = 0.31$ , $\gamma = 0.00$ )

## Trained for 3000 epochs

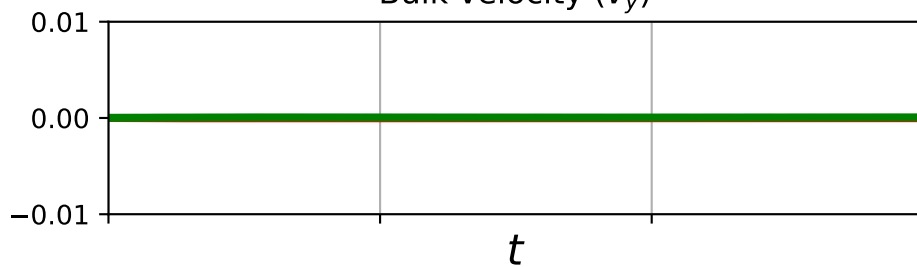
Mass density ( $\rho$ )



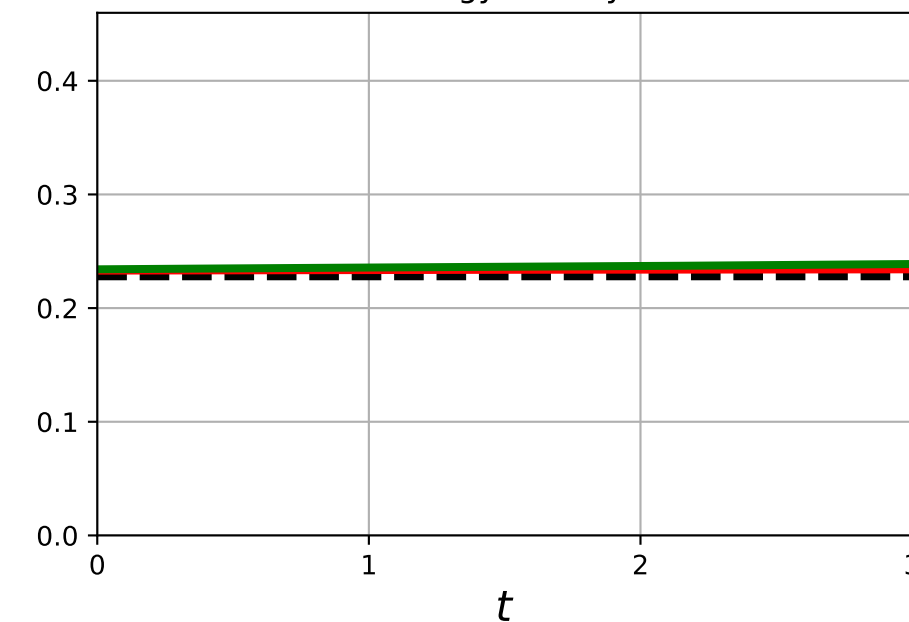
Bulk velocity ( $v_x$ )



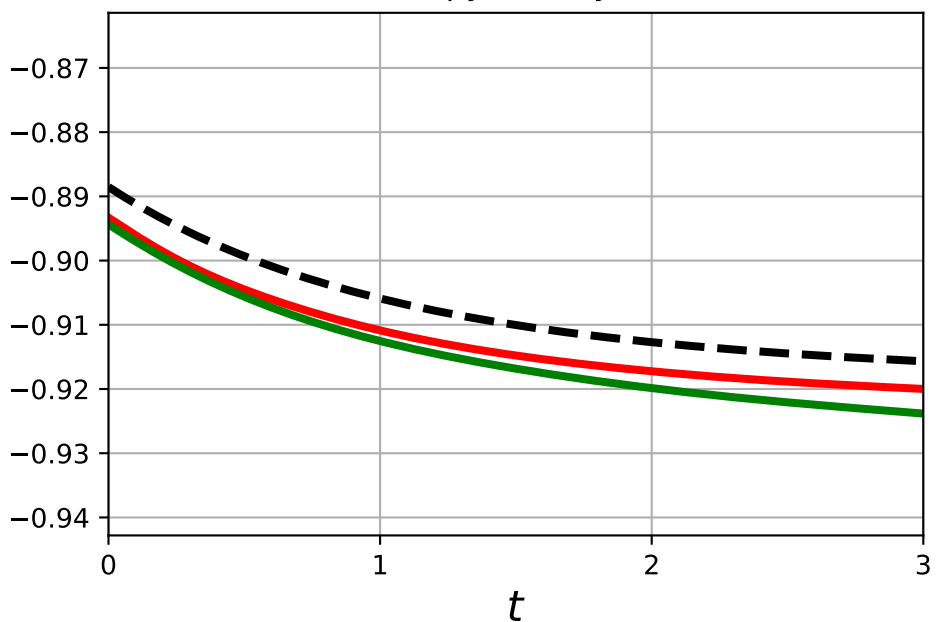
Bulk velocity ( $v_y$ )



Energy density



Entropy density ( $H$ )



--- Target    — opPINN    — PINN (ours)