

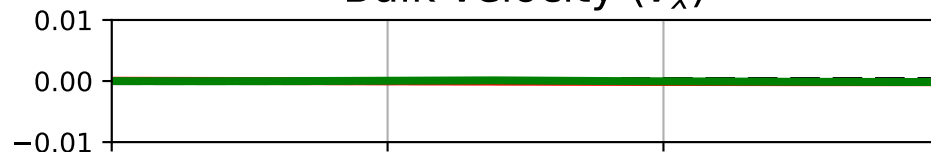
# Sum of two Maxwellian distributions ( $\Lambda = 0.31$ , $\gamma = 0.00$ )

## Trained for 1000 epochs

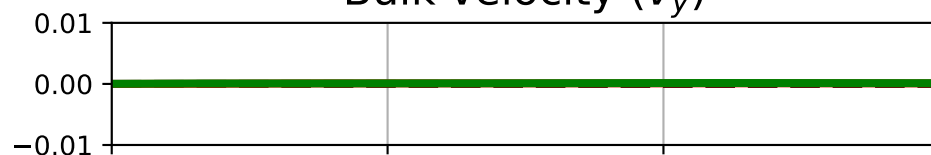
Mass density ( $\rho$ )



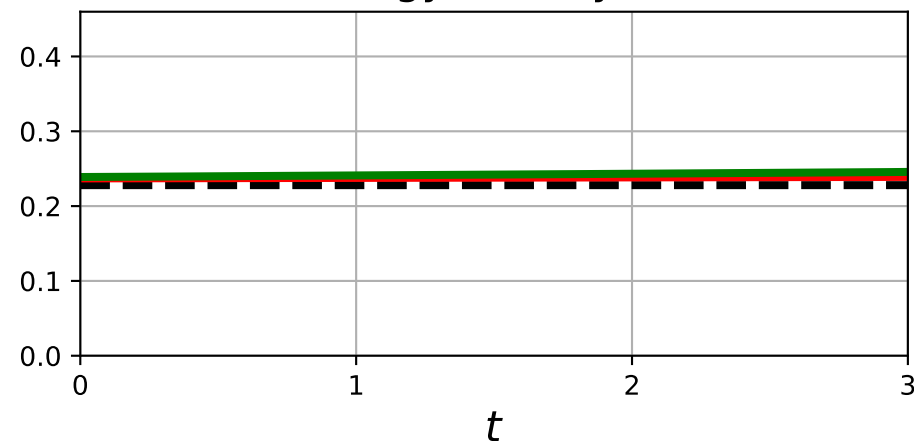
Bulk velocity ( $v_x$ )



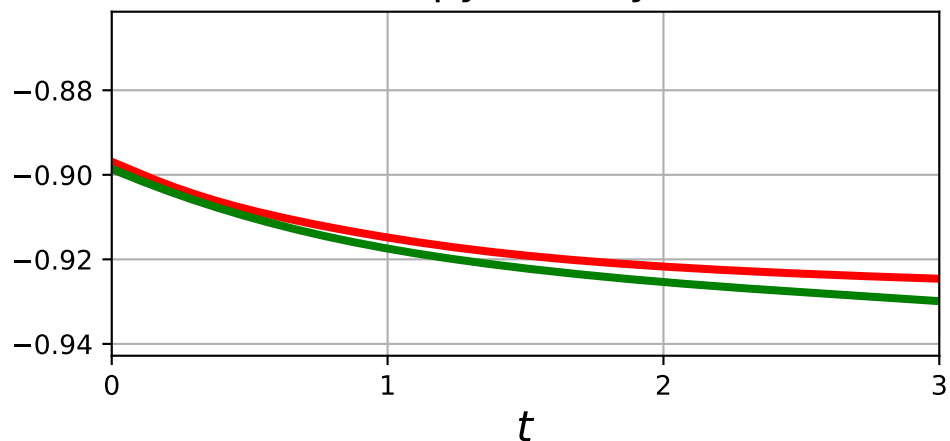
Bulk velocity ( $v_y$ )



Energy density ( $E$ )



Entropy density ( $H$ )



— opPINN — PINN (ours)