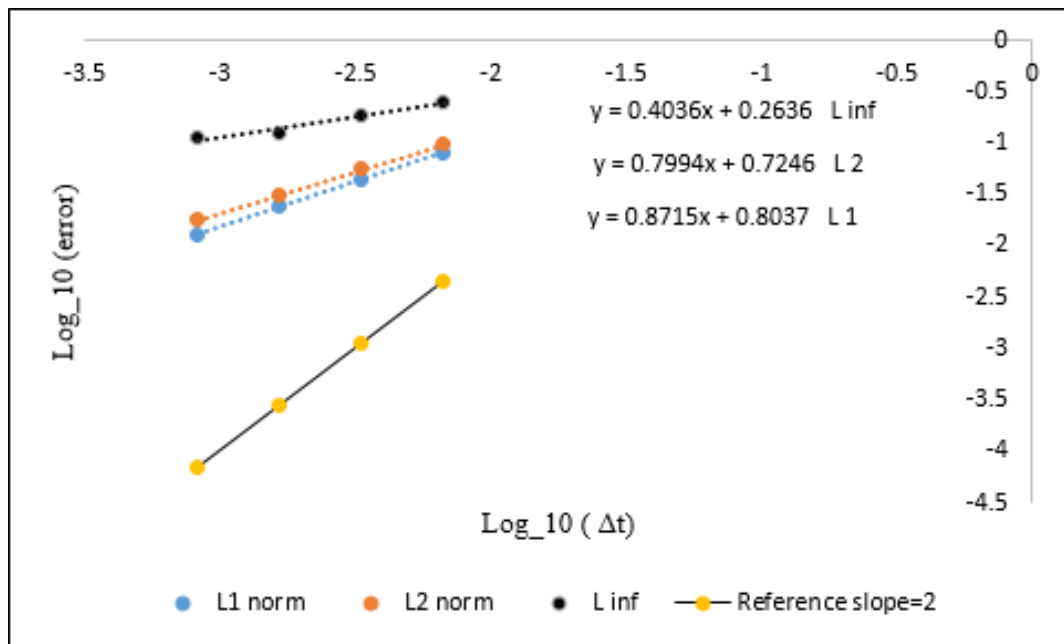


(a) Log-Log plot of pressure Convergence r



(b) Log-Log plot of $\nabla \cdot \mathbf{u}^*$ Convergence rate

Figure 6. 9: Log-Log plots of error convergence for projection methods $Pm\ 2$ on domain: $[-1,1]^2$ at time 1 with $CFL = 0.1$. Less accurate boundary condition for the intermediate velocity field. 0.1