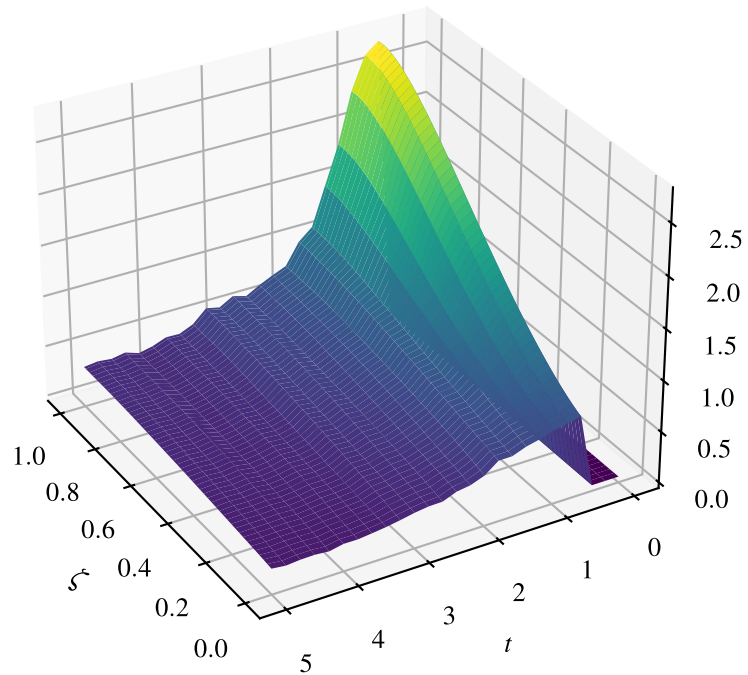**Estimated State $\hat{x}_1(\zeta, t)$** **Estimated State $\hat{x}_2(\zeta, t)$**