

$S = 0.65$ ,  $\text{Tr}[\rho^2] = 0.55$  :  $\rho_{00} = 0.00$ ,  $\text{Re}[\rho_{10}] = 0.02$ ,  $\text{Im}[\rho_{10}] = 0.03$ ,  $\rho_{1-1} = -0.15$

