

Fig. 4.1 The time histories of x_1 (red) and x_2 (blue) of the double Mackey-Glass system when parameter b is substituted by a Gaussian noise with noise strength $p_1 = 0.5$.

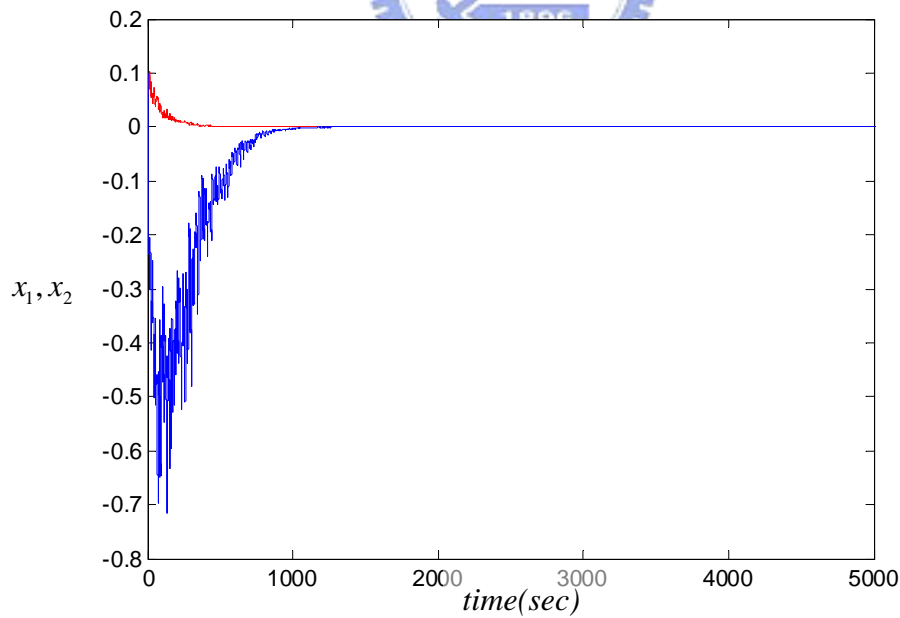


Fig. 4.2 The time histories of x_1 (red) and x_2 (blue) of the double Mackey-Glass system when parameter r is substituted by a Rayleigh noise with noise strength $p_2 = 0.2$.

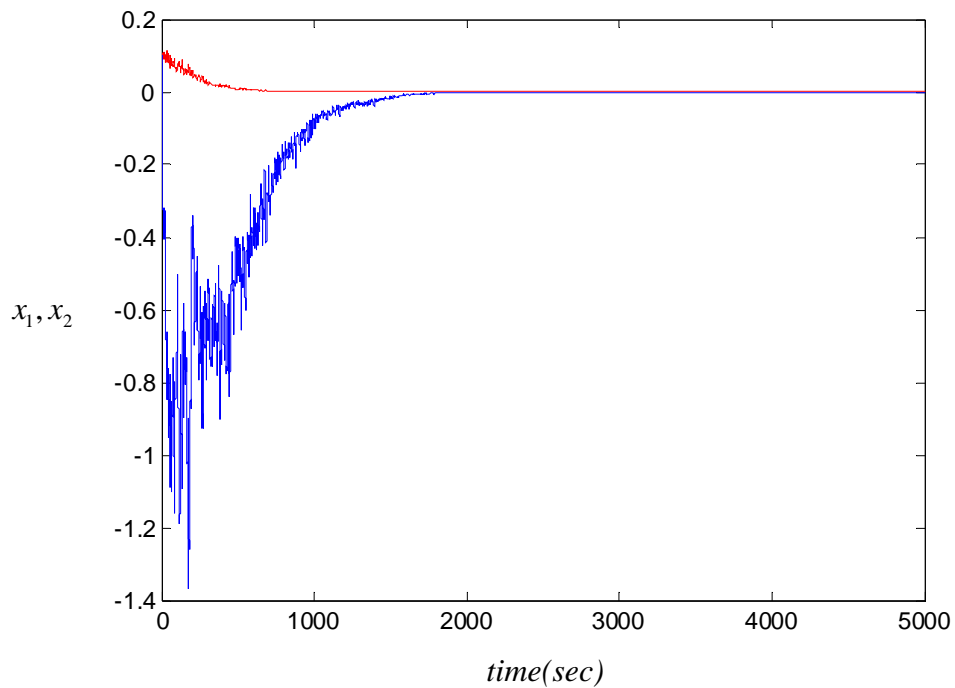


Fig. 4.3 The time histories of x_1 (red) and x_2 (blue) of the double Mackey-Glass system when parameter r is substituted by a Rician noise with noise strength $p_3 = 0.1$.

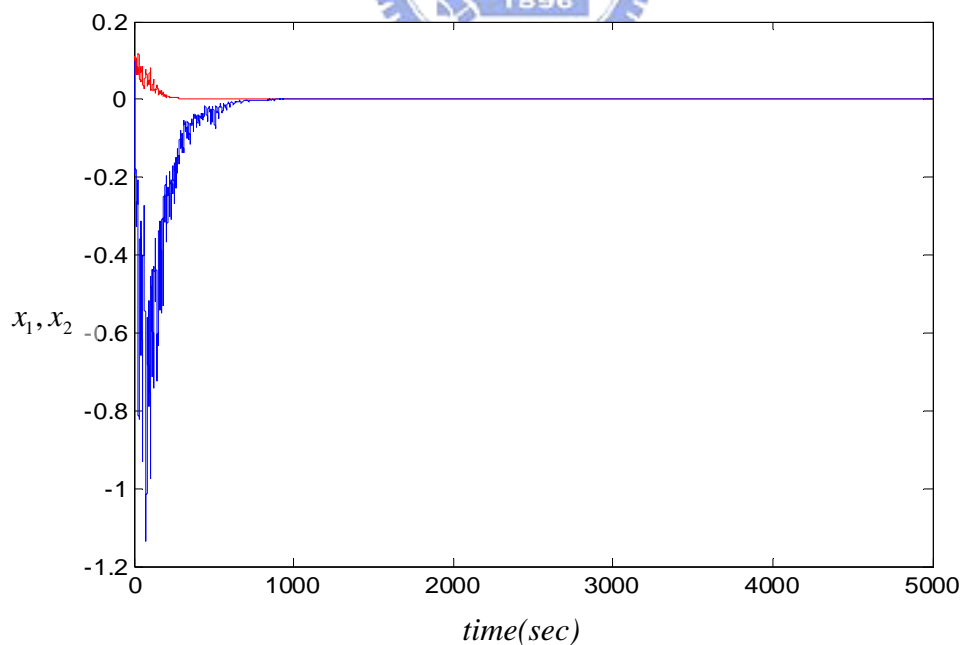


Fig. 4.4 The time histories of x_1 (red) and x_2 (blue) of the double Mackey-Glass system when parameter r is substituted by a uniform noise with noise strength $p_4 = 0.5$.

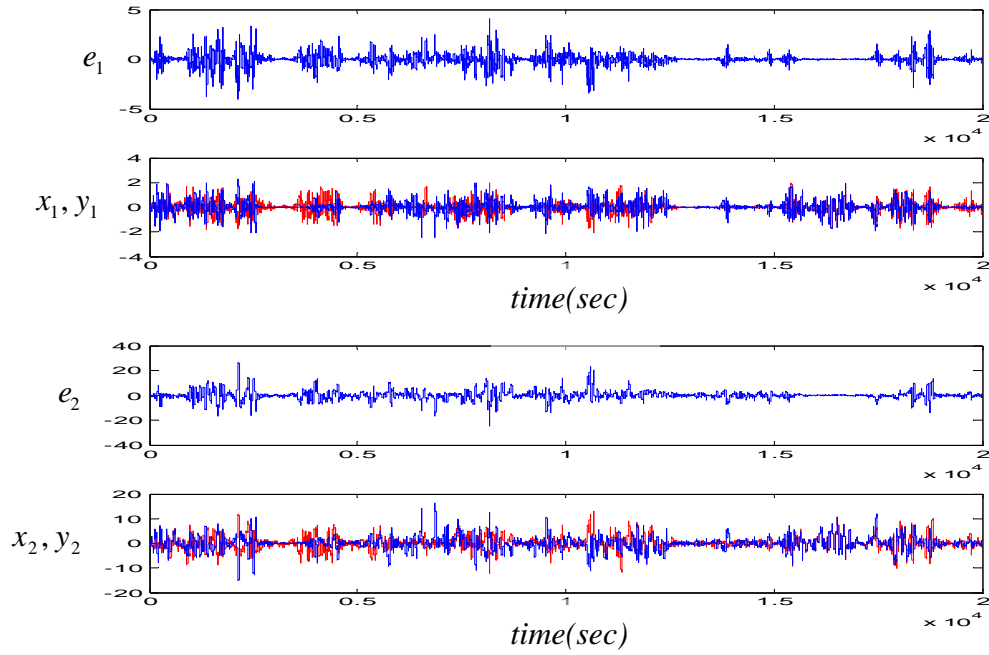


Fig. 4.5 The error states and the time histories of x_1, x_2 (red) and y_1, y_2 (blue) of the double Mackey-Glass systems when two corresponding parameters r are substituted by a Gaussian noise with noise strength $p_1 = 0.625$.

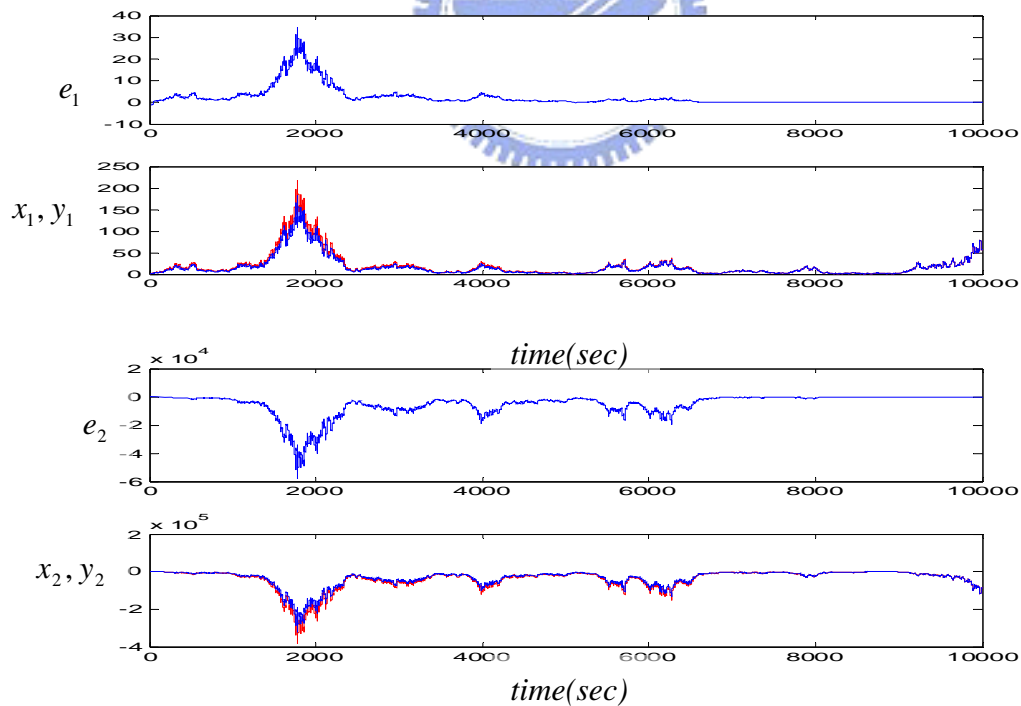


Fig. 4.6 The error states and the time histories of x_1, x_2 (red) and y_1, y_2 (blue) of the double Mackey-Glass systems when two corresponding parameters r are substituted by a Gaussian noise with noise strength $p_1 = 0.05$.

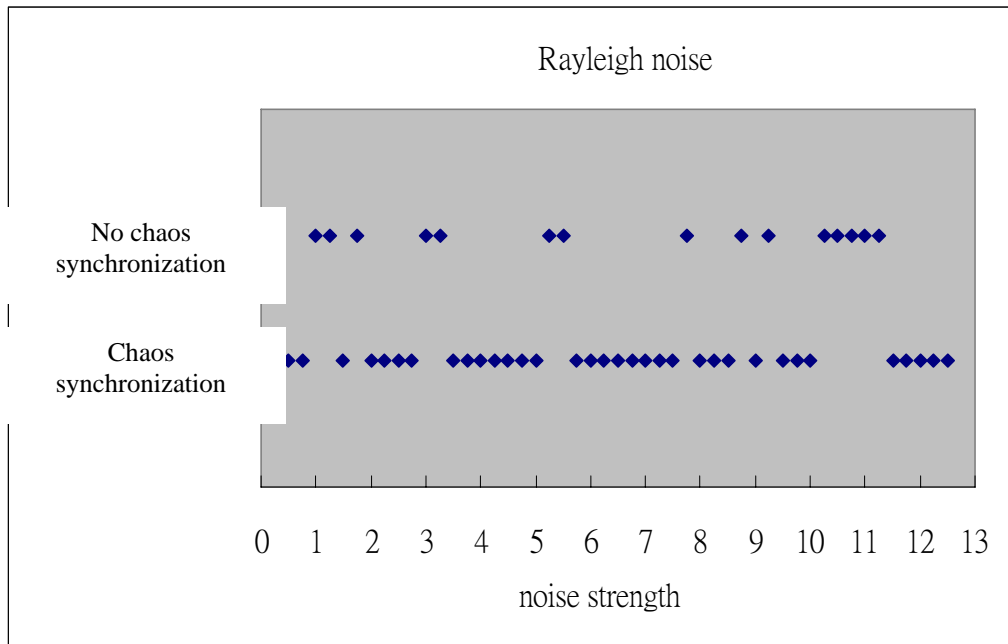


Fig. 4.7 Two corresponding parameters b are substituted by a Rayleigh noise with different noise strengths.

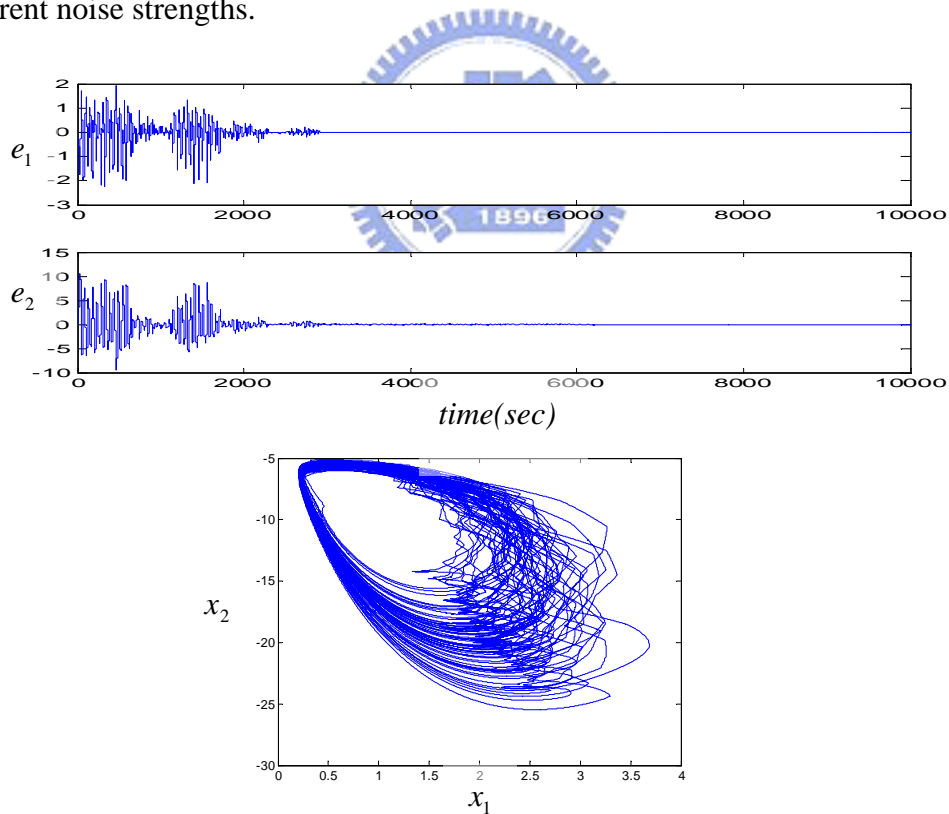


Fig. 4.8 The error states and the phase portraits of the double Mackey-Glass systems when two corresponding parameters b are substituted by a Rayleigh noise with noise strength $p_2 = 0.5$.

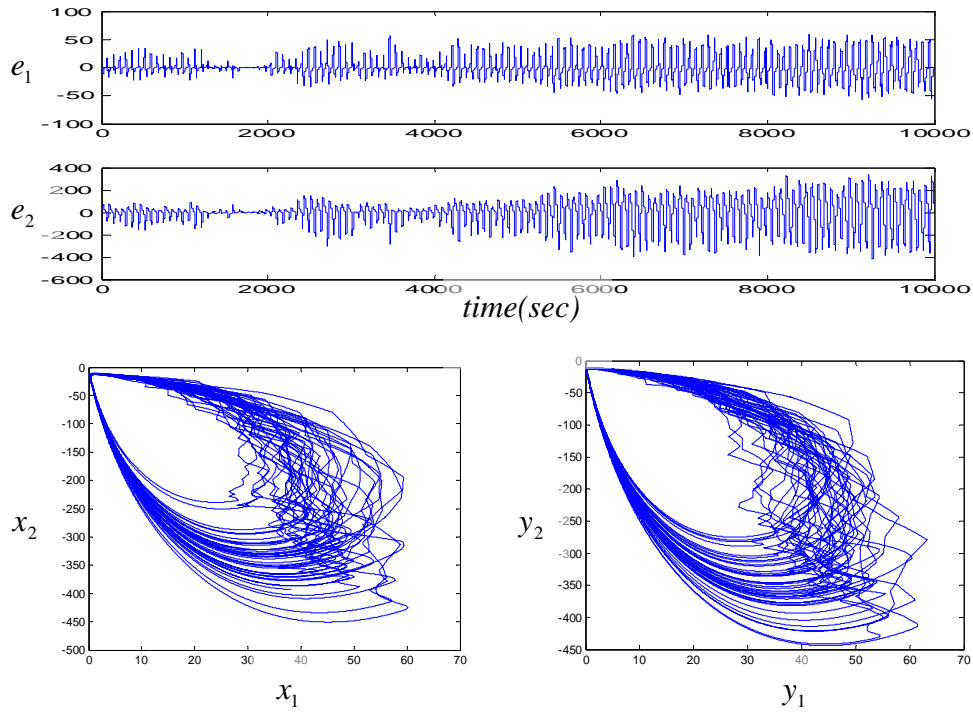


Fig. 4.9 The error states and the phase portraits of the double Mackey-Glass systems when two corresponding parameters b are substituted by a Rayleigh noise with noise strength $p_2 = 9.25$.

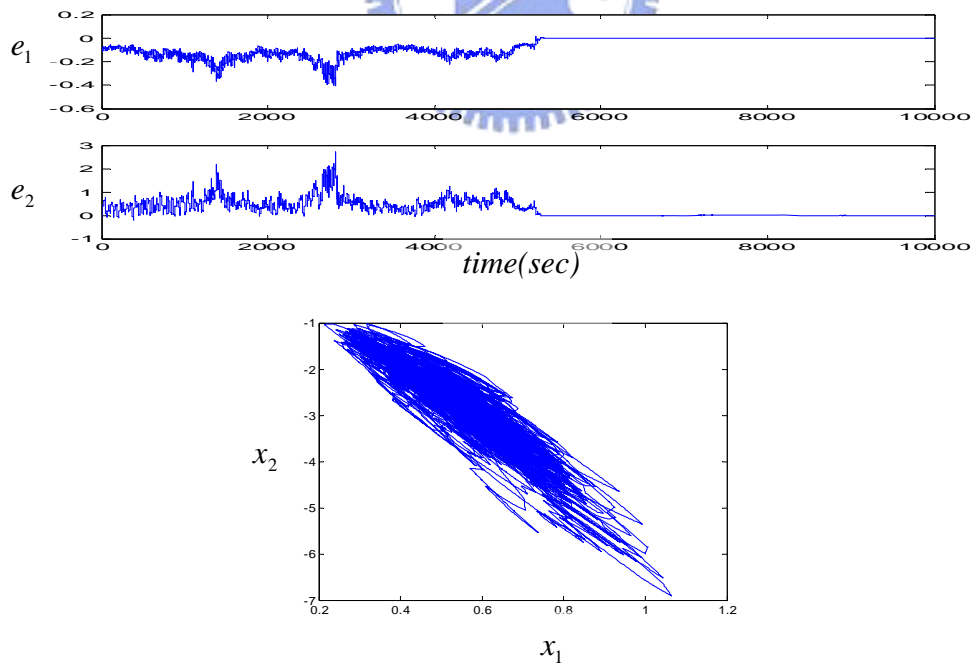


Fig. 4.10 The error states and the phase portraits of the double Mackey-Glass systems which two corresponding parameters r are substituted by a Rayleigh noise with noise strength $p_2 = 0.16$.

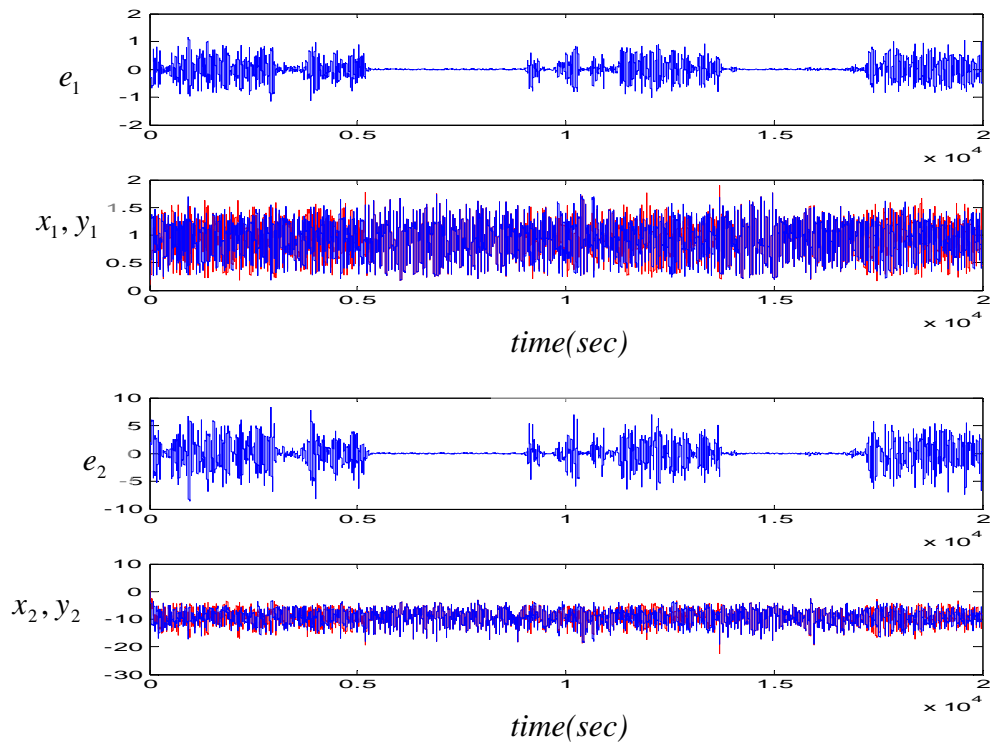


Fig. 4.11 The error states and the time histories of x_1, x_2 (red) and y_1, y_2 (blue) of the double Mackey-Glass systems when two corresponding parameters r are substituted by a Rayleigh noise with noise strength $p_2 = 0.08$.

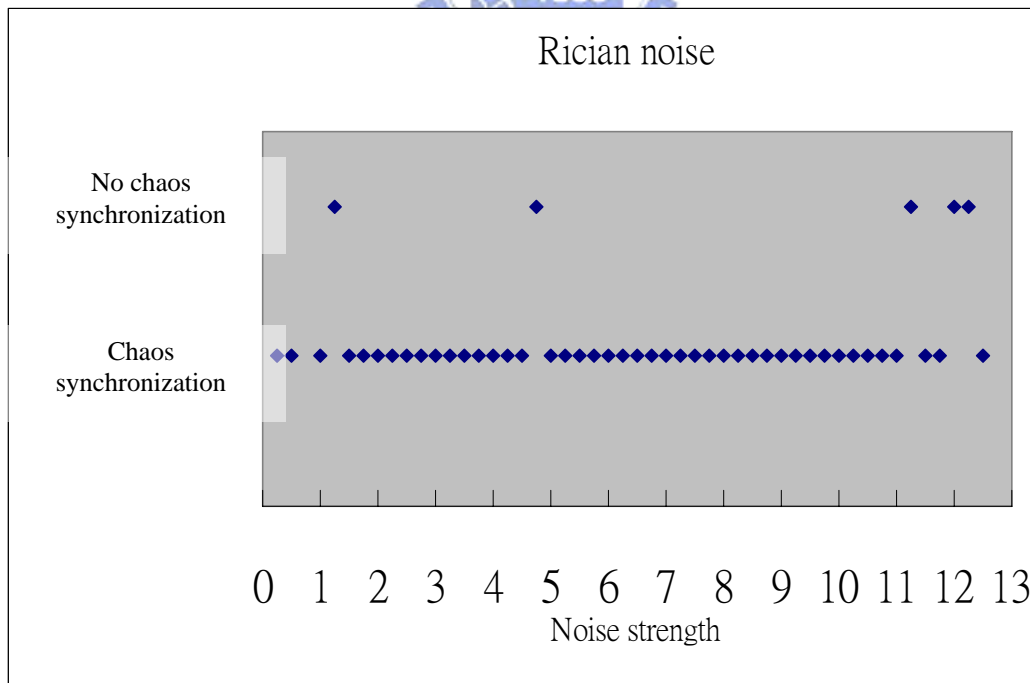


Fig. 4.12 Two corresponding parameters b are substituted by a Rician noise with different noise strengths.

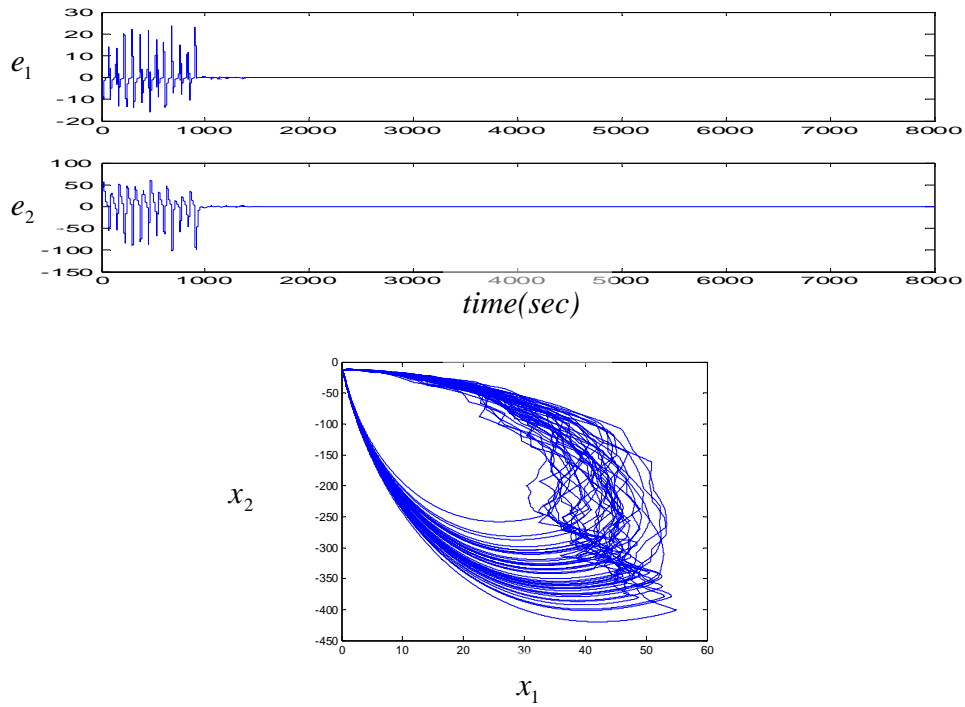


Fig. 4.13 The error states and the phase portraits of the double Mackey-Glass systems when two corresponding parameters b are substituted by a Rician noise with noise strength $p_3 = 5$.

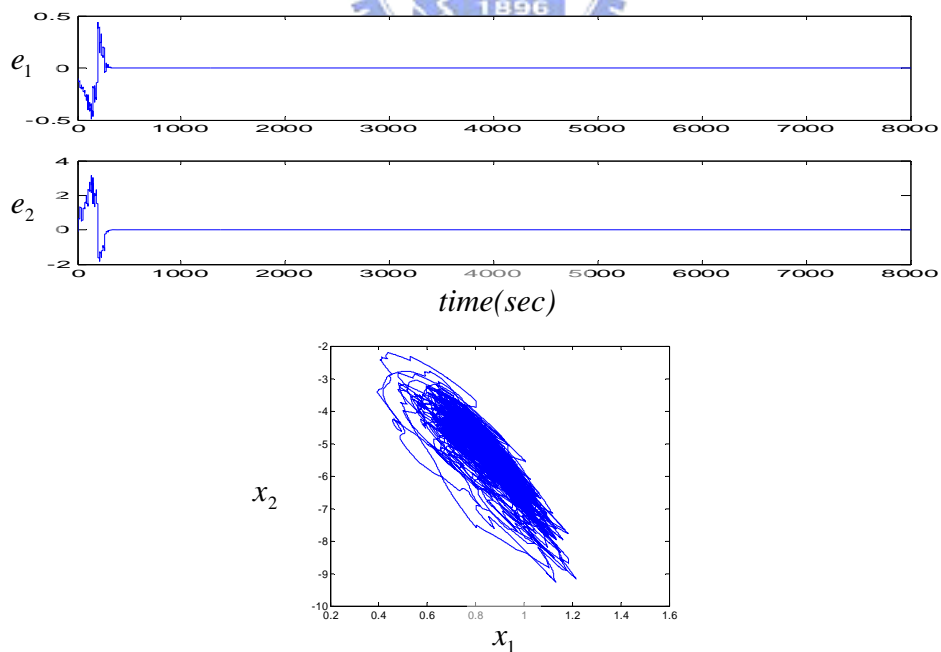


Fig. 4.14 The error states and the phase portraits of the double Mackey-Glass systems when two corresponding parameters r are substituted by a Rician noise with noise strength $p_3 = 0.07$.

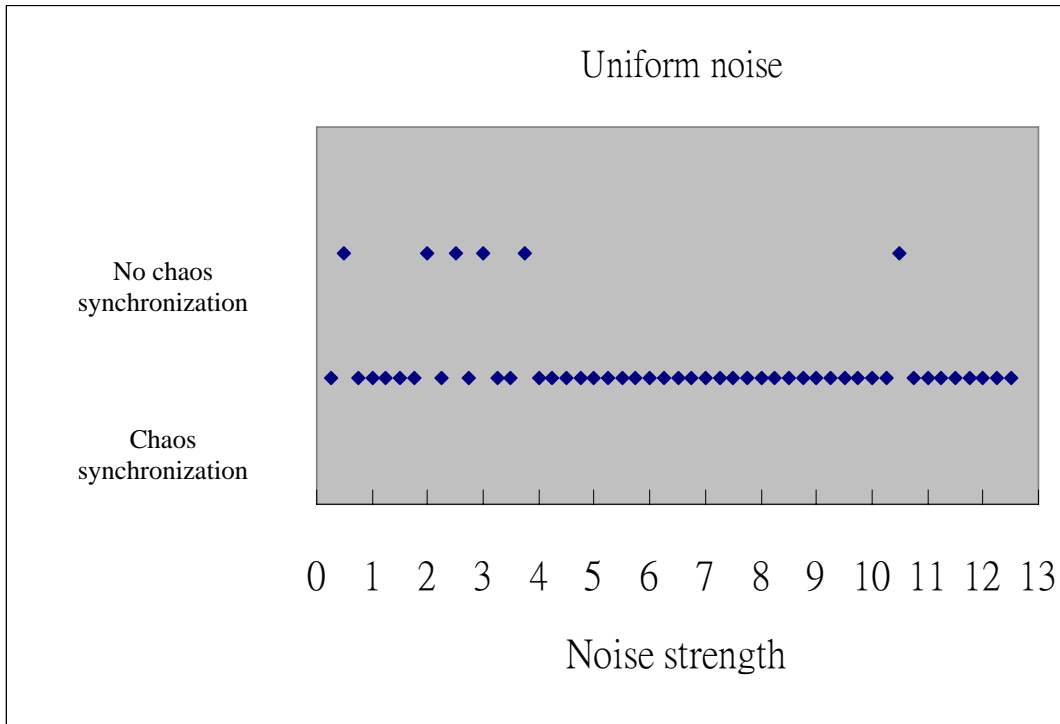


Fig. 4.15 Two corresponding parameters b are substituted by a Rician noise with different noise strengths.

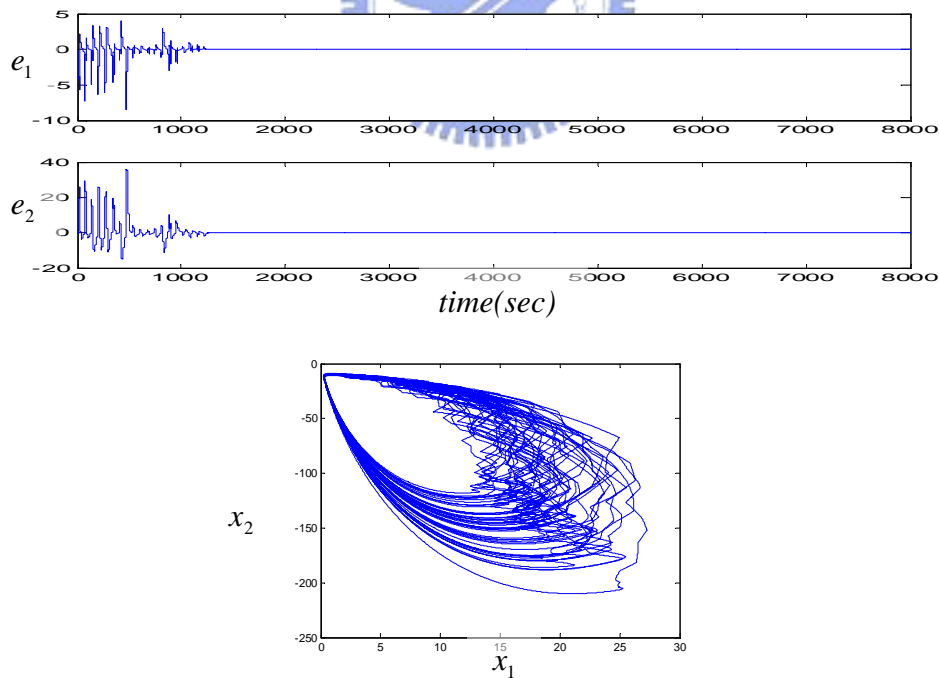


Fig. 4.16 The error states and the phase portraits of the double Mackey-Glass systems when two corresponding parameters b are substituted by a uniform noise with noise strength $p_4 = 10.25$.

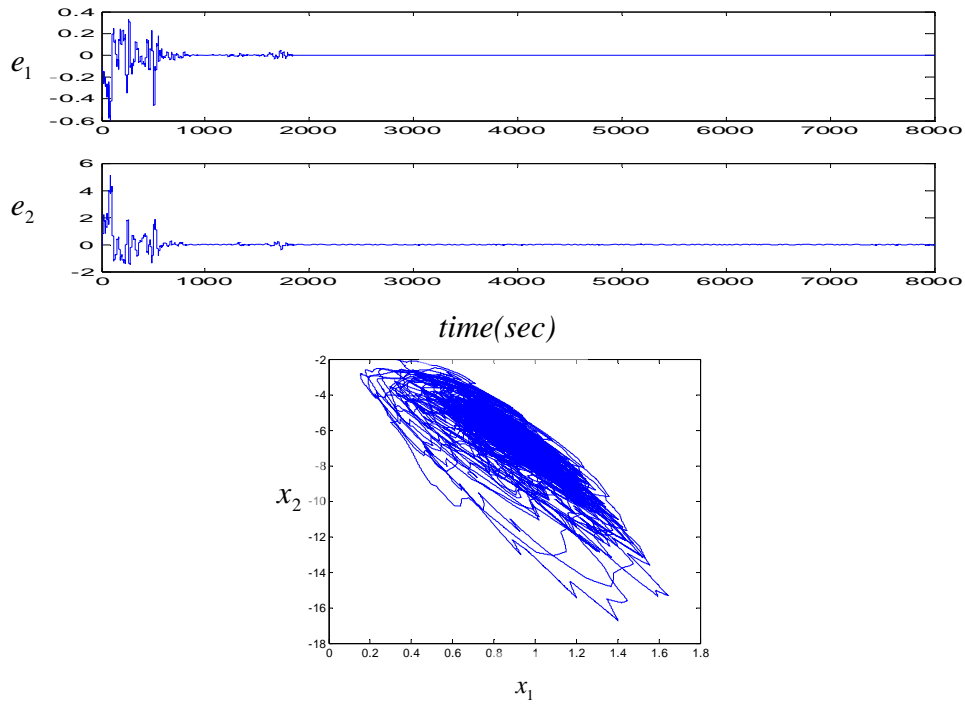


Fig. 4.17 The error states and the phase portraits of the double Mackey-Glass systems when two corresponding parameters r are substituted by a uniform noise with noise strength $p_4 = 0.27$.

