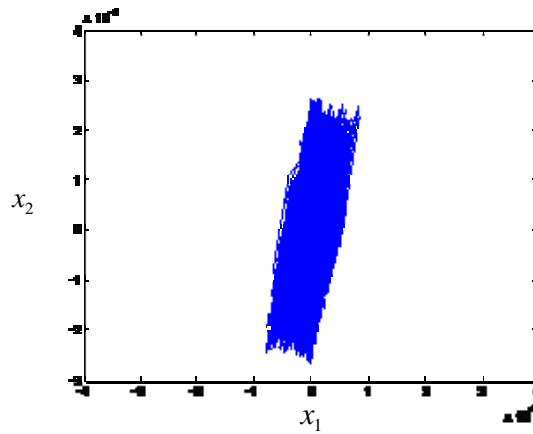
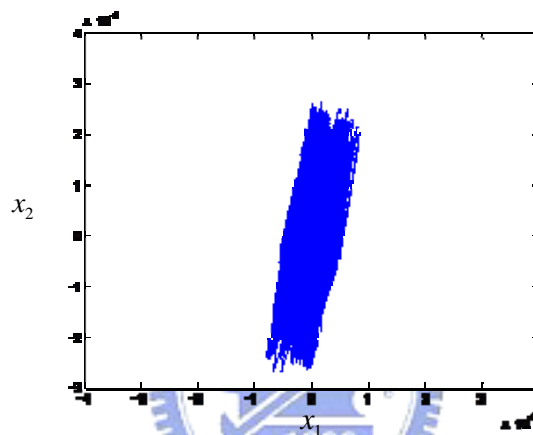


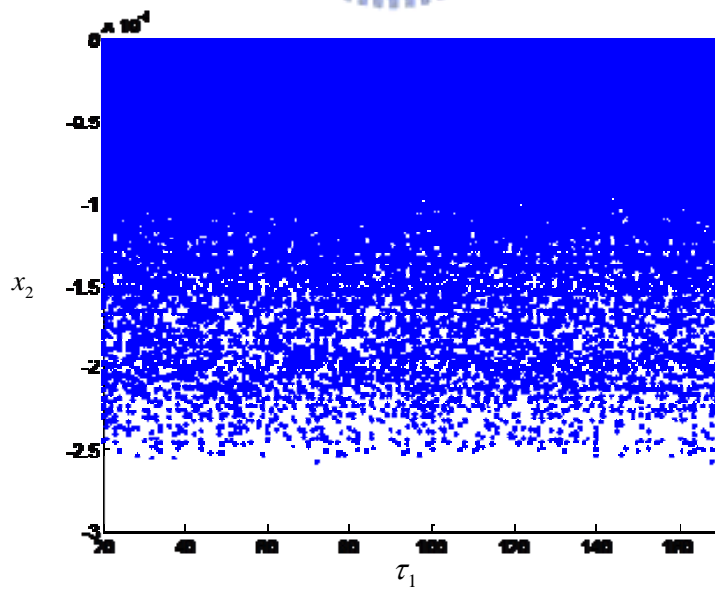
Fig. 2.5 The phase portraits and the bifurcation diagram for Double Mackey-Glass system with order $q_1 = 0.8$ and $q_2 = 0.8$, $\tau_2 = 20$. The first bifurcation point is $\tau_1 = 23.4$, the second bifurcation points are $\tau_1 = 31.6$ and 31.9 .



(a) Chaos, $\tau_1=30$



(b) Chaos, $\tau_1=100$



(c)

Fig. 2.6 The phase portraits and the bifurcation diagram for Double Mackey-Glass system with order $q_1 = 0.1$ and $q_2 = 0.1, \tau_2 = 20$.

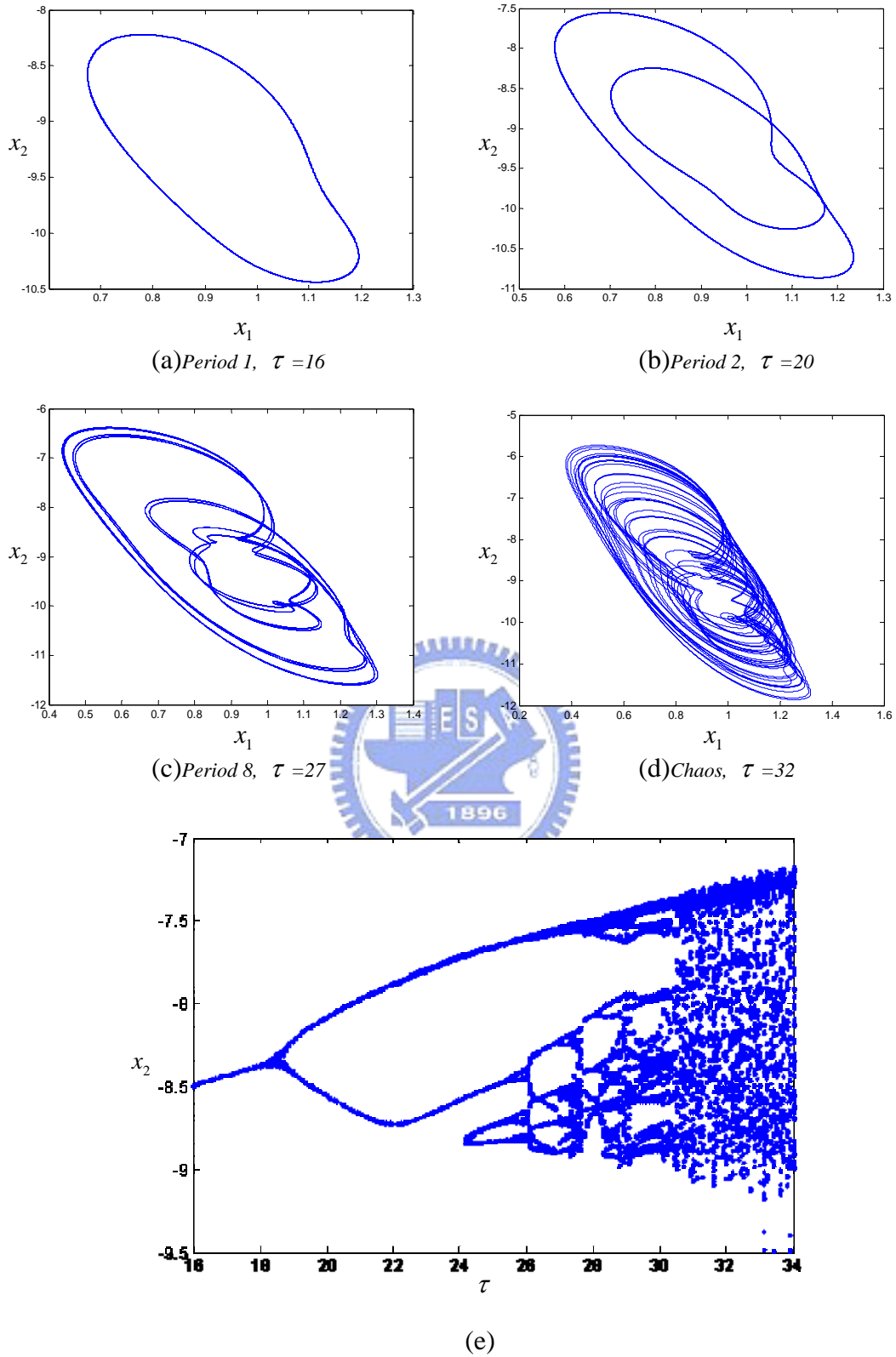


Fig. 2.7 The phase portraits and the bifurcation diagram for Double Mackey-Glass system with order $q_1 = 0.9$ and $q_2 = 0.9$. The first bifurcation point is $\tau = 18.6$, the second bifurcation points are $\tau = 27.5, 25.6$ and 24 .

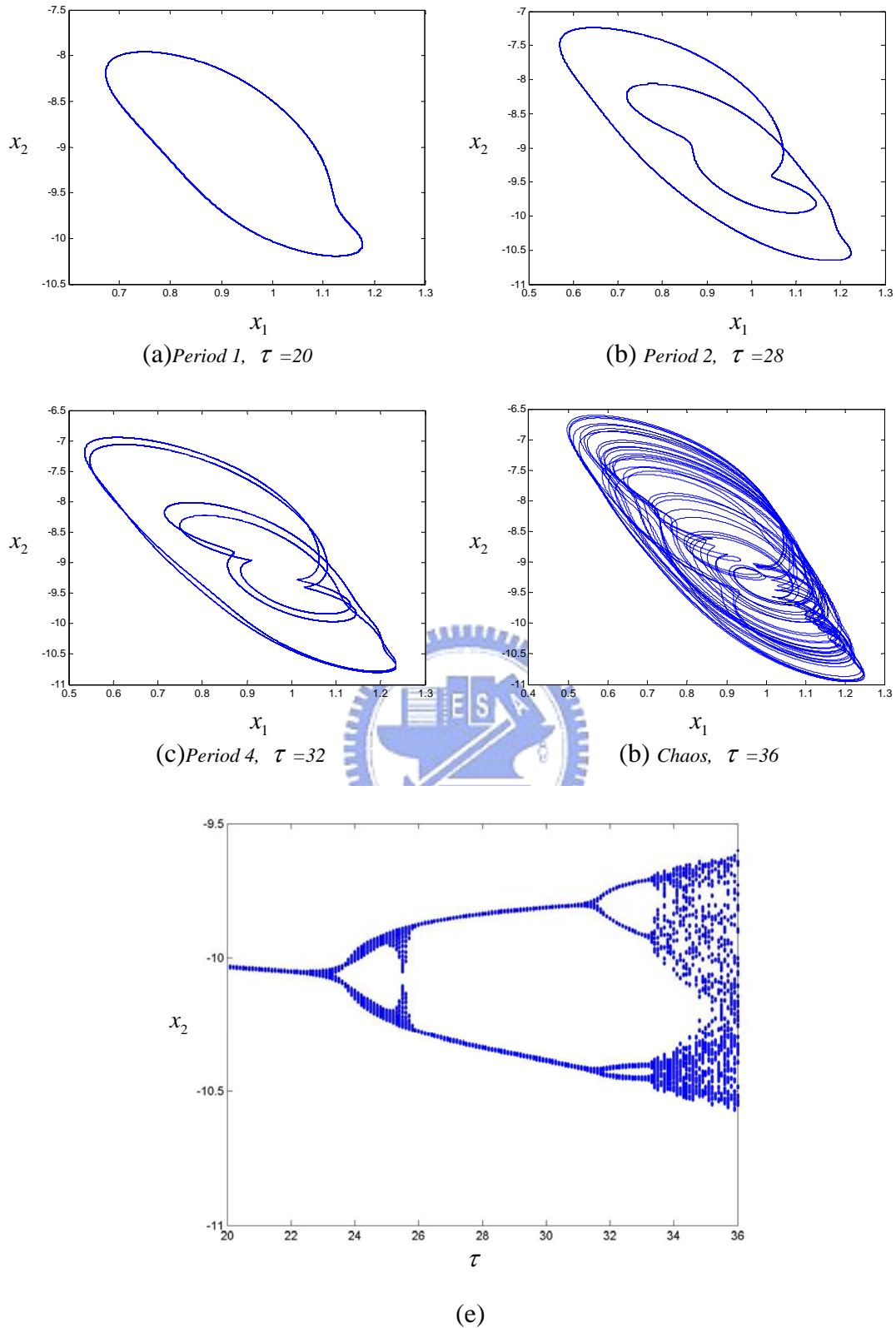
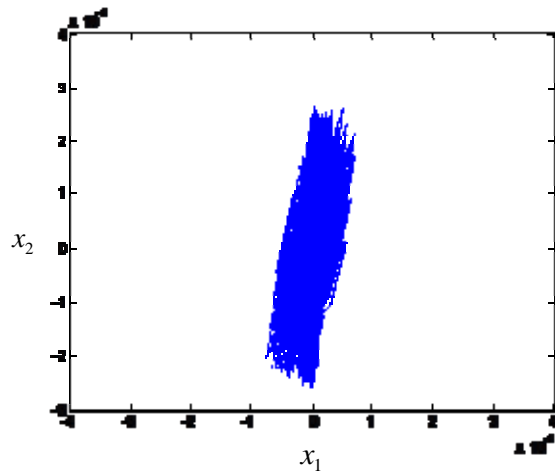
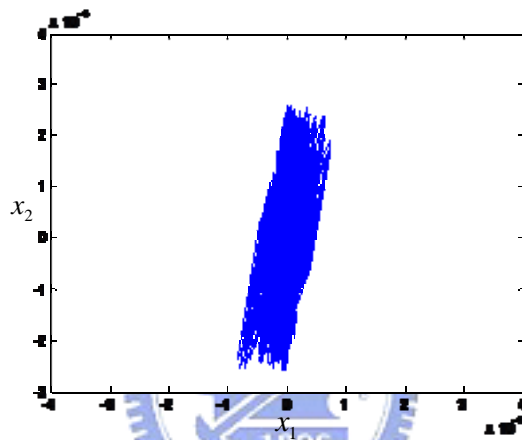


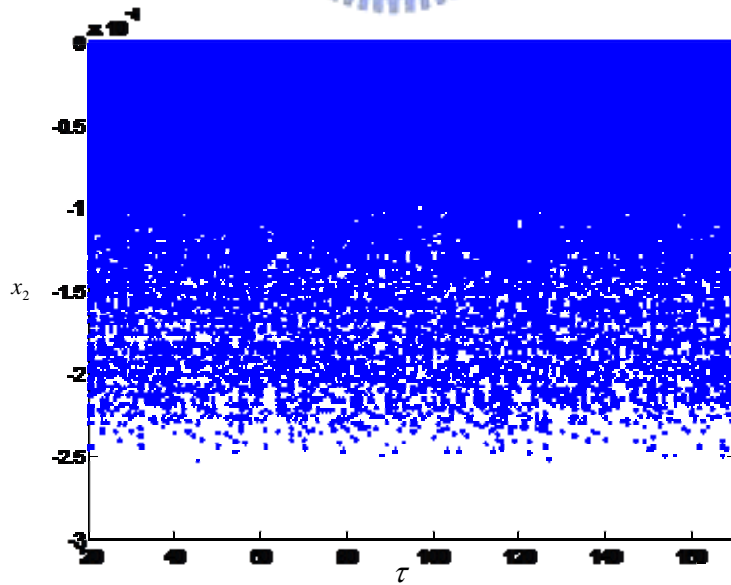
Fig. 2.8 The phase portraits and the bifurcation diagram for Double Mackey-Glass system with order $q_1 = 0.8$ and $q_2 = 0.8$. The first bifurcation point is $\tau = 23.4$, the second bifurcation points are $\tau = 31.6$ and 31.9 .



(a) chaos, $\tau = 20$



(b) chaos, $\tau = 100$



(c)

Fig. 2.9 The phase portraits and the bifurcation diagram for Double Mackey-Glass system with order $q_1 = 0.1$ and $q_2 = 0.1$.

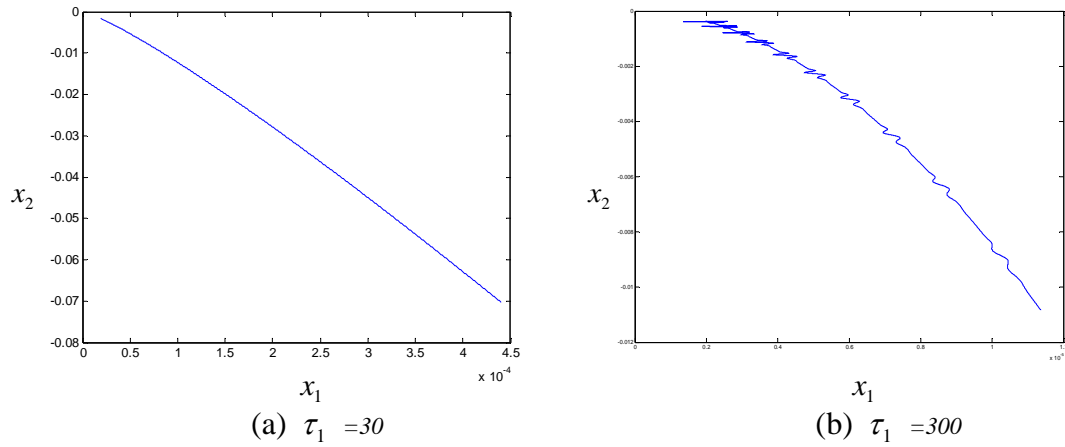


Fig. 2.10 The phase portraits for Double Mackey-Glass system with order $q_1 = 0.7$ and $q_2 = 0.7$.

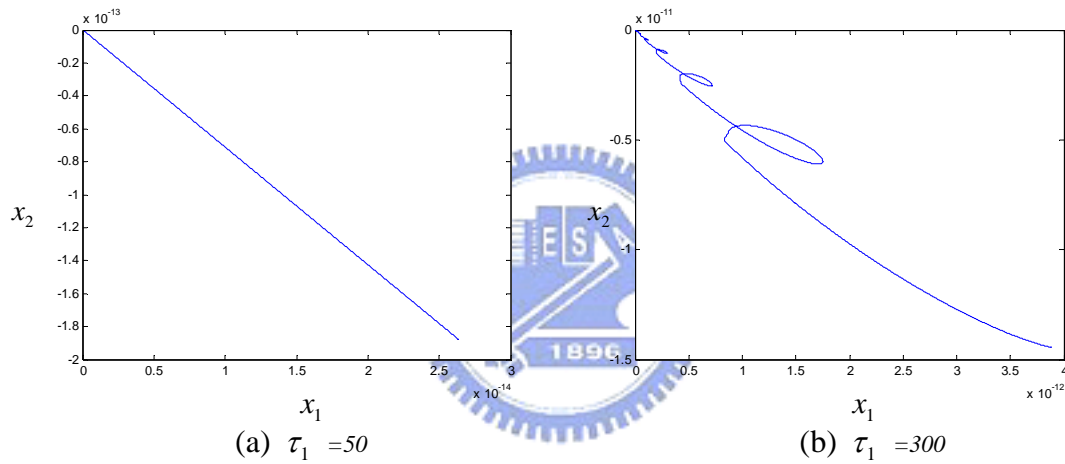


Fig. 2.11 The phase portraits for Double Mackey-Glass system with order $q_1 = 0.2$ and $q_2 = 0.2$.

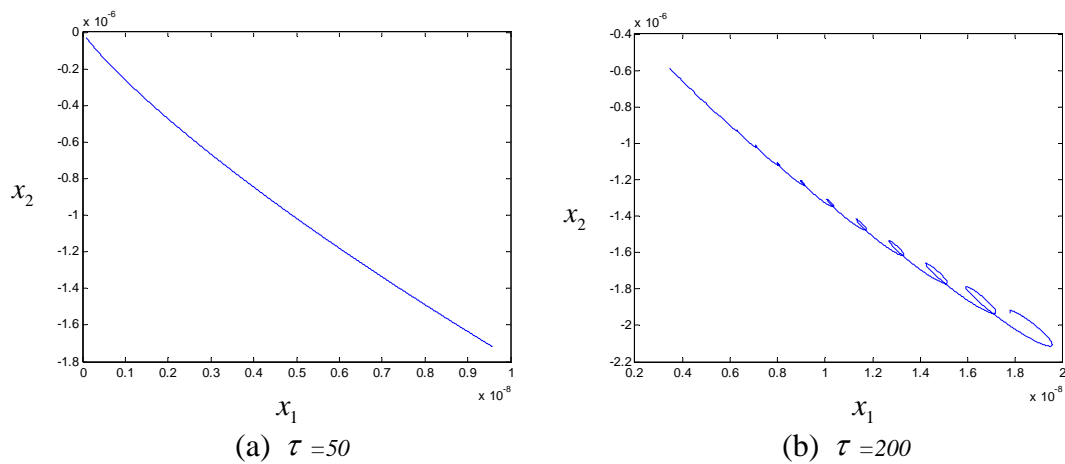


Fig. 2.12 The phase portraits for Double Mackey-Glass system with order $q_1 = 0.5$ and $q_2 = 0.5$.