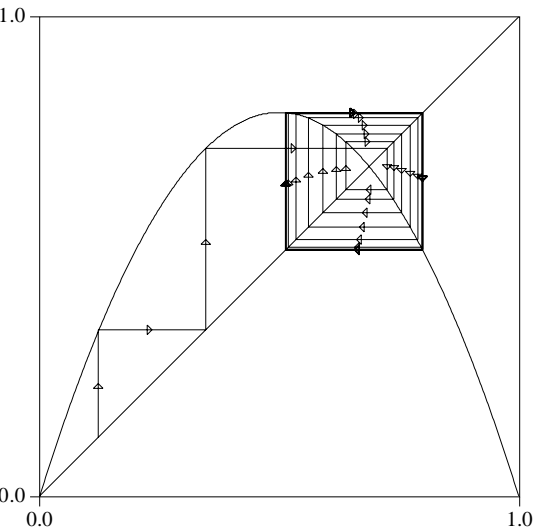
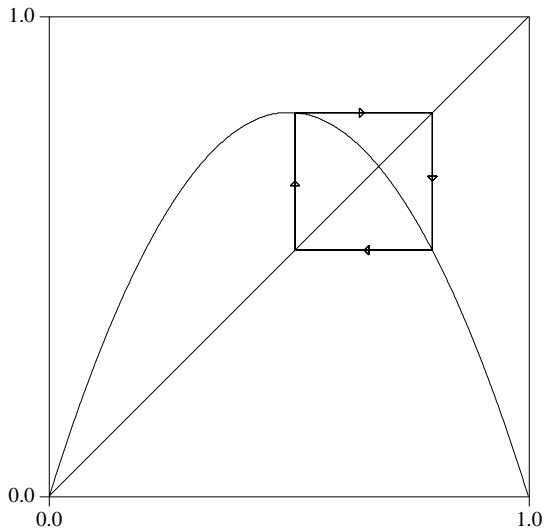


(a)



(b)



(c)

Figure 10.4 Logistic map with $r = \frac{8}{10}$: (a) The time series quickly stabilizes to a period-2 limit cycle. (b) The state space of the same system shows how subsequent steps of the system get pulled into the limit cycle. (c) The state space of the same system but with only the converged values for x_t plotted, so as to clearly show the limit cycle's location.