FIGURE 7.35
The standard map for several values of $\epsilon$. In (a)-(c) the map is iterated 300 times; in the rest of the figures, 500 times. The initial points for the iterations are obtained by choosing $\phi$ randomly for each of 62 equally spaced values of $J$. In (e) $\epsilon$ is about 3% above the critical value $\epsilon_c \approx 0.9716$. 