Figure 1: Heinon-Heiles system solution. (a) Trajectory of the star (x, y). (b) Projection $(x, \dot{x})$ of the solution. (c) Projection $(y, \dot{y})$ of the solution. (d) Projection $(\dot{x}, \dot{y})$.
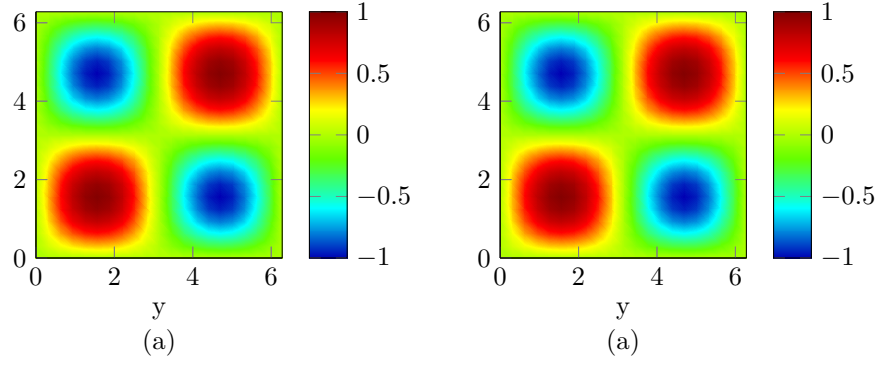
(a)

(a)

Figure 2: Heinon-Heiles system solution. (a) Trajectory of the star (x, y). (b) Projection $(x, \dot{x})$ of the solution.
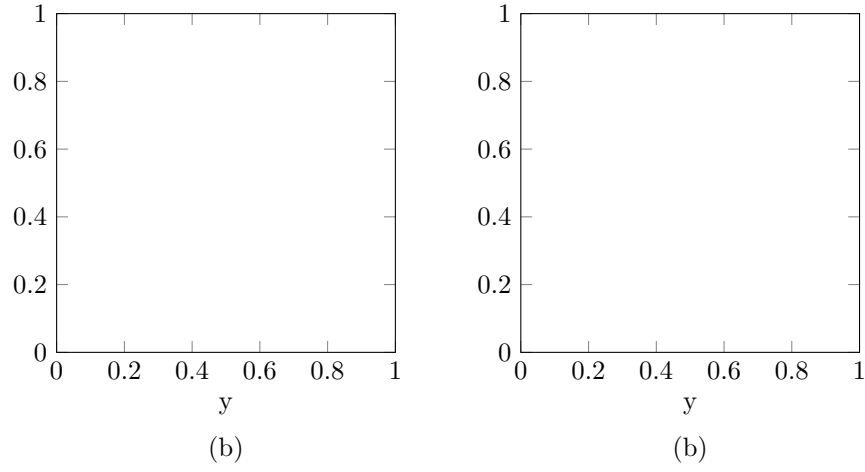

(b)

(b)

Figure 3: Heinon-Heiles system solution. (a) Trajectory of the star (x, y). (b) Projection $(x, \dot{x})$ of the solution.