STANDARD MAP

The standard or Taylor–Chirikov map is a family of area-preserving maps, z'=f(z)

STANDARD MAP

Dynamics

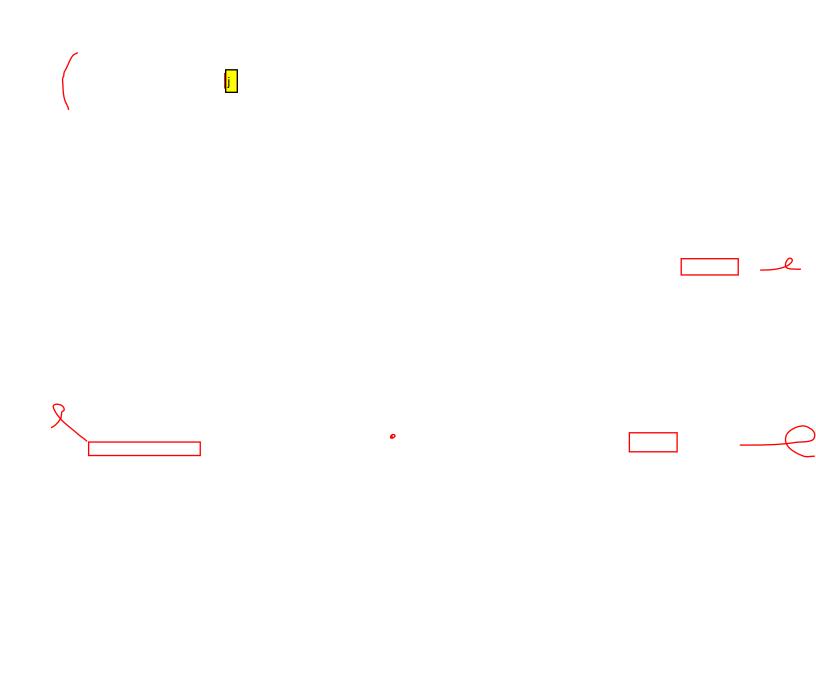
When k=0, the dynamics of the standard map are integrable: the momentum y is an invariant. On each invariant circle $\mathcal{C}_{\omega}^0 = \{(x,y): y=\omega\}$, the angle after t iterates is given by $x_t = x_0 + \omega t \mod 1$, thus the dynamics is that of the constant rotation, $R_{\omega}(\theta) =$

are

DELETE.

THIS IS
MEANT TO
BE A SPACE
IN THE
LATEX
CODE.

\$1.5 \times 10^6\$



\$1.5\times 10^6\$ hyphen

0

Manuscript Queries

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