

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 $\mathcal{C}^0 = \{(x, y) : y = \text{const}\}$, the angle after t iterates is given by $x_t = x_0 + t \text{ mod } 1$, thus the dynamics that of the constant rotation, $R(\text{const}) =$

are

DELETE.

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

1.5×10^6

(

j

e

.

e

1.5×10^6

hyphen

0

Manuscript Queries

Title: Encyclopedia of Non-linear Sciences
Alphabet S: Standard map

Page	Query Number	Query
3	1	Please chek for Figure 1:kcirt