UPOS Laboratory

1 Source ····· 2 Method ····· 3 Target ····· Start

Source:

MAP TIME SERIE DIFFERENTIAL EQUATION

Choose Map:

IKEDA MAP

$w = \mathbf{K} - \mathbf{E}/(1 + x^2 + y^2)$

$x_{new} = \mathbf{A} + \mathbf{B}*(x*\cos(w) - y*\sin(w))$

$y_{new} = \mathbf{B}*(x*\sin(w) + y*\cos(w))$

A: 1.0

B: 0.9

K: 0.4

E: 6.0

Map identifier: ikwd

Number of variables: 2

Variable for ordering orbit points: 0

Lower boundaries: {-2.0,-3.0}

Upper boundaries: {2.0,1.5}

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