UPOS Laboratory

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

Method:

LAI SD

Configuration:

Periods from-to: 1 2

Starting conditions:

Use orbit points: 0

Use random points: 1000 123456

Use map iterates: 0 0.1 0.1 0.1

Tolerance:

Tolx: 3.e-7

Tolf: 3.e-9

Options:

Apnd: 0

Jsave: 0

Detection strategy parameters:

Max. # of fixed points: 1000

Matrix C: 8 0 1 2 3 4 5 6 7

# of iter.: 100 1

# of runs with diff. Beta: 1

B0 B1 B2: 100.0 2.5 2.0

Time intervals for log and data output:

Tlog (min): 5.0

Tsave (hrs): 5.0

Description:

Davidchack, R. L.; ***Lai***, Y. **Efficient algoritmo for detecting unstable periodic orbits in chaotic systems**. Physical Review E, v. 60, n. 5, p. 6172-6175, Nov.1999.

roth@lit.inpe.br