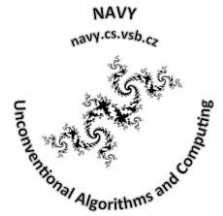




Unconventional computation and algorithms

Laboratory protocol



Topic: Chaos – discrete systems

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Name and student ID:

Date:

Note: *please remember that laboratory examples and studies are designed for students that regularly visit NAVY lectures. Laboratory staff is for you there to help you with programming and examples collection, but not for teaching of materials, that is done on lectures!!!*

Problem definition:

Create inside your framework for chaos program that

1. Will simulate logistic equation and Lozi attractor
2. Will draw bifurcation diagram.
3. Will draw iterations of both systems.
4. Will draw histogram of generated number distribution.
5. Observe how final behavior has been changed by parameter changing.
6. Made a conclusion.

Solution design:

Results and facts:

Conclusion:

