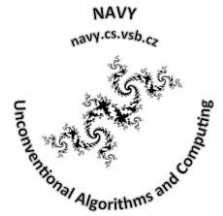




Unconventional computation and algorithms

Laboratory protocol



Topic: Fractals – IFS and chaos game algorithm

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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 fractal geometry

1. IFS algorithm
2. The chaos game algorithm
3. Generate Sierpinsky triangle, Fern, Tee
4. Change parameters for affine transformations
5. Observe how final fractal has been changed by this changing
6. Made a conclusion.

Solution design:

Results and facts:

Conclusion:

