

Fractals, discrete dynamical systems and chaos in geology and geophysics

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12 hours – 3 CFU

Short Program of the Course:

- Discrete Dynamical Systems (3 hours)
- Fractals in geology and geophysics (3 hours)
- Self-organization in complex systems (3 hours)
- Fractal analysis for natural hazards (3 hours)

Prerequisites: No mathematics beyond basic algebra is required