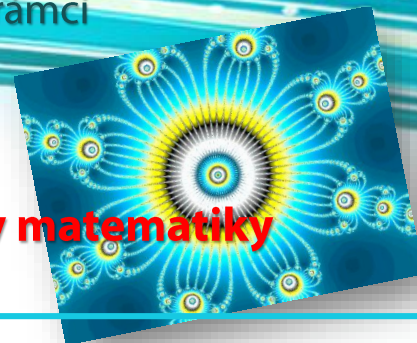


Semináře KO-MIX

Přednáška se koná v **pondělí od 14:20 hodin** v **Kabinetu didaktiky matematiky**
(budova G areálu TUL - Liberec, Univerzitní nám. 1410/1, místnost G4-MAT).



Pondělí 5. listopadu 2018

Václav KUČERA (MFF UK): **FRACTAL GEOMETRY AND ITERATION**



Anotace: *In 1975, Benoit Mandelbrot created the term 'fractal' to describe certain mathematical objects with infinitely deep geometric self-similarity. Up to then such objects existed mainly as isolated 'pathological, counterexamples in mathematics, however Mandelbrot realized that they are a more useful abstraction of the geometry of nature than classical geometry.*

One area where fractals appear naturally is the theory of iteration of functions and their systems. In this talk we will give a general overview of the basic concepts and results from fractal geometry, iterated function systems and holomorphic dynamics on a basic level.

