## Chaos on Peano continua

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There are many notions aiming at formal definiton of chaos on a topological dynamical system, yet three most widely recognized are Devaney chaos, Li-Yorke chaos and positive topological entropy. Consequently the LEO (locally eventually onto) maps with dense set of periodic points are of interest, as such maps are chaotic with respect to all the three notions mentioned above. We prove that any Peano continuum admits such a selfmap. We further investigate the complexity of various sets of maps with some of the "chaotic" properties. The work is in progress.

<sup>\*</sup>This is joint work with Benjamin Vejnar (Charles University in Prague).