TANSZÉKI SZEMINÁRIUM

Nonautonomous dynamics: Spectrum and bifurcation

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We discuss how several concepts from the theory of dynamical systems (spectrum and bifurcations) can be generalised to nonautonomous difference and differential equations with arbitrary time dependence. In particular, we give a detailed account on the Sacker-Sell spectrum via operator theory. Its fine structure allows a classification of bifurcations on a linear basis already.

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Minden érdeklődőt szeretettel várunk!