A glimpse at linear dynamics

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Linear dynamics studies, naturally, the dynamical properties of continuous linear operators. Two notions are particularly intriguing, that of linear chaos, by now rather well understood, and that of frequent hypercyclicity, a close cousin but much more elusive. Recent years have seen some remarkable progress on frequently hypercyclic operators and on their relationship with chaotic operators. In this talk we will highlight recent breakthroughs and discuss some open problems.