ISTANBUL ANALYSIS SEMINARS

DEVELOPING THE THEORY OF CHAOS

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Abstract: The goal of this talk is to discuss a wide spectrum of questions related to chaos, such as: what is the connection between the modern results of chaos theory and the classical theory of dynamical systems? How do different definitions of chaos relate to each other? What education does a successful researcher of chaos theory need? Is chaos the last puzzle of nature for specialists in dynamical systems? We illustrate the discussion with our own results.

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