

# GENEL SEMİNER

## CHAOS AND NON-LINEAR DYNAMIC EQUATIONS V

“Fractals and their dimensions”

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**Özet:** In the description of chaotic systems fractal approach plays one of the key roles. In this talk we give some examples of fractals and make a special impact on the different variant of the definitions of their dimension: Hausdorff, correlation (Grassberger-Procaccia), Renyi and Lyapunov dimensions.

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