

Course title: “**An Introduction to Linear Dynamics**”

Instructor: Prof. Emma D’Aniello

(Hours: 20)

The course begins providing the students with fundamental concepts of (not necessarily linear) dynamical systems. It focuses on the Birkhoff transitivity theorem and a close study of various properties related to chaos. Then all the given notions and results are revisited in the linear context.

Timetable:

- Tuesday February 21, 2:00 PM – 5:00 PM (room G, DMF)
- Tuesday March 7, 2:00 PM – 5:00 PM (room G, DMF)
- Tuesday March 14, 2:00 PM – 5:00 PM (room G, DMF)
- Tuesday March 21, 2:00 PM – 5:00 PM (room G, DMF)
- Tuesday March 28, 2:00 PM – 5:00 PM (room G, DMF)
- Tuesday April 4, 2:00 - 5 PM (room G, DMF)
- Wednesday April 5, 2:00 PM – 4 PM (room B3)