

Nonlinear ODE in Complex Form

Elements of differential equations

2014 - 04 - 08 (Tue.)

10:40 - 12:20

308, Mathematics Research Center Building (ori. New Math. Bldg.)

In this talk, we discuss some elementary properties of ODEs. For example, the local behavior around regular singularities of the ODEs, Fuchsian equations, Pfaffian systems and Hamiltonian systems. The topics is based on the book *"From Gauss to Painlevé--A modern theory of special functions"*.

