

abstract

SPECIAL LECTURE

Topic:

Speaker:

Affiliation:

Date:

Time/Room:

We study systems of linear ordinary differential equations $dy/dz=A(z)y$, where A is a matrix-valued rational function of z . By definition, such equation is rigid if it is uniquely determined by the type of its singularities.

Our goal is to provide a classification of rigid equations. If all singularities of A are regular, this was done by N.Katz; we extend his results to arbitrary A .