



Seminario Rubio de Francia

Conferencia

por

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Título:

Generalized ODEs: an overview and new trends

Resumen: In 1957, Jaroslav Kurzweil introduced in the literature a class of integral equations called generalized ordinary differential equations (GODEs, for short). His initial motivation was to use them to investigate results concerning continuous dependence of solutions with respect to parameters. However, these equations have been shown to be a powerful tool to investigate other types of equations, such as impulsive equations, dynamic equations on time scales, measure differential equations, functional differential equations, neutral functional differential, among others.

In this talk, we provide a basic overview of generalized differential equations and summarize some recent results in this area as well as we present the new trends in the study of these equations.

Fecha: Martes, 18 de Diciembre de 2018.

Hora: 10:00 horas.

Lugar: seminario Rubio de Francia, edificio de Matemáticas, primera planta.

Web: http://www.unizar.es/analisis_matematico/seminario.html