



Seminario Rubio de Francia

Conferencia

por

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Título:

Study delay differential equations using Eta functions.

Resumen:

This talk is dedicated to introducing the properties and application of Eta functions. We derive the properties of the Eta function, such as the generating function, integral representation, and the Laplace transform. Also, some properties of the Eta-based functions are introduced. To show the advantages of the Eta-based functions in the computational method, we develop a new numerical method to solve the state-dependent and time-dependent neutral delay differential equation based on the Eta-based function.

Fecha: Martes, 25 de Abril de 2023.

Hora: 12:00 horas.

Lugar: Seminario Rubio de Francia. Primera planta, Edificio B, Facultad de Ciencias.

Web: <http://anamat.unizar.es/seminario.html>