

Webinar: Existence, Uniqueness and Stability of Linear IVPs by Dr. Bhupen Deka (IIT Guwahati)

by Manjil Saikia - Sunday, September 13, 2020

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Gonit Sora is organizing a webinar to be delivered by **Dr. Bhupen Deka** of the Indian Institute of Technology Guwahati. The details are given below.

Date: **20 September, 2020 (Sunday)**

Time: **2.30 pm IST**

Title: **Existence, Uniqueness and Stability of Linear IVPs**

Abstract: The solution of a differential equation depends on other fields of mathematics like linear algebra, functional analysis etc. The objective of this webinar is to realise the fact that the qualitative properties of the solution to a differential equation heavily depend on linear algebra and functional analysis. In this lecture, stability of a linear initial value problem will be discussed with a glimpse of numerical stability of the initial boundary value problem.

About the Speaker: *Dr. Bhupen Deka is an associate professor in the Department of Mathematics, Indian Institute of Technology Guwahati. Before joining IITG, he worked at Tezpur University and Assam University. He did his B.Sc. from Cotton College, M.Sc. from IIT Delhi and PhD from IITG and his research interests are in Numerical Analysis, Finite Element Method and Interface Problems.*

The talk will be suitable for a general audience (college students are specially welcome), and will be held online via Zoom. It will also be livestreamed on our [Facebook page](#).

e-Certificates will be issued to participants who attend the talk on Zoom.

If you have already registered for any webinar by Gonit Sora in the past, you need not register again, you are already in our mailing lists (unless you have told us to remove you). For those who have not registered before, you need to register at the link below.

Please read the rules of the Zoom meeting [at this link](#), before you register. Due to a high volume of registration and emails, we will not answer queries which are already addressed in the [rules](#).

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