THE CURSE OF THE EXPONENTIAL FUNCTION

ABSTRACT

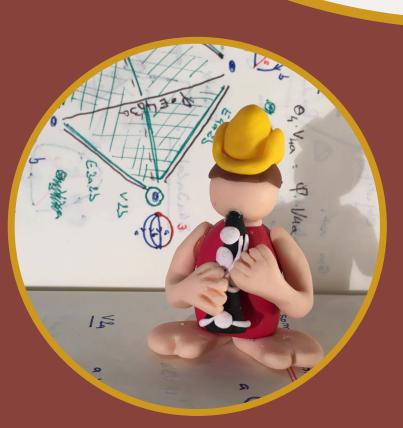
The exponential map is one of the most common functions in many areas of mathematics. However, when it comes to illustration, it is often a source of struggle. Even when we draw its graph, we have only a limited window, which makes it difficult to grasp all the features of this function. When we represent fractals, we very quickly create a mass of details that we are unable to render properly. In computations, it can be a source of numerical errors due to the limited precision of floating-point numbers, etc. In this talk I will present some attempts (failures?) of mathematical illustration where, to my own misfortune, I came across the exponential function.



FRIDAY, OCTOBER 11



US PACIFIC......9AM
US EASTERN.....12PM
CENTRAL EUROPE.....6PM



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Centre national de la recherche scientifique (CNRS)

Featuring "Show and Ask" Presenters

Gabriel Dorfsman-Hopkins

St. Lawrence University

Andrea Tomatis

Hochschule fuer Technik und Wirtschaft

The talk will be on Zoom. Scan this QR code to join!



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