

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

Featuring "Show and Ask" Presenters

Gabriel Dorfsman-Hopkins

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REMI COULON

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