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 e^x

A Lecture by Professor Matthew Russell

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Abstract:

We will explore the history of the exponential function e^x .

$$e^{x} = \sum_{n=0}^{\infty} \frac{x^{n}}{n!}$$

$$y'(x) = y(x), y(0) = 1$$

$$x = \int_{1}^{y} \frac{1}{t} dt$$

$$e^{x} = \lim_{n \to \infty} \left(1 + \frac{x}{n}\right)^{n}$$

TUESDAY FEBRUARY 11, 2020 HILL 423 AT 7:00 PM

*Pizza and refreshments will be served

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