

**Verified**  
Certificate



This is to certify that

**Arav Agarwal**

successfully completed and received a passing grade in

**18.031x: Introduction to Differential Equations**

a course of study offered by MITx, an online learning  
initiative of the Massachusetts Institute of Technology.

A handwritten signature in black ink, reading "David Jerison".

David Jerison

Professor

Department of Mathematics

*Massachusetts Institute of Technology*

A handwritten signature in black ink, reading "Krishna Rajagopal".

Krishna Rajagopal

Dean for Digital Learning

*Massachusetts Institute of Technology*



**Verified Certificate**

Issued September 7, 2021

**Valid Certificate ID**

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