

X Series Certificate

This is to certify that

Juan Ángel Ramírez

has successfully completed all courses and
received passing grades for an XSeries Program
certificate in

18.03x Differential Equations

a program offered by MITx, in collaboration with
edX.



XSERIES PROGRAM CERTIFICATE
Issued September 2022

VALID CERTIFICATE ID
781f2720416d441bb14b5beb07971101



A handwritten signature in black ink, appearing to read 'David Jerison'.

David Jerison

Professor of Mathematics

Massachusetts Institute of Technology

A handwritten signature in black ink, appearing to read 'Eric Grimson'.

W. Eric L. Grimson

Interim Vice President for Open Learning

Massachusetts Institute of Technology