ALPEN-ADRIA UNIVERSITÄT KLAGENFURT

INVITATION TO THE DOCTORAL SEMINAR

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"Hands-On Workshop: Mathematical Animations in Action"

https://classroom.aau.at/w/adw-ezd-k9g

Wednesday, 4 November 2020

10:00 a.m.

Abstract

Bring your own device to try out the community edition of the mathematical animation engine Manim in this hands-on workshop. We explore the framework's basic functionalities by creating a series of short (but cool!) animations, and learn about further references.

Manim is a Python framework for visualizing mathematical concepts and ideas in animated videos. Originally created by Grant "3Blue1Brown" Sanderson, whose Manim-produced YouTube videos get millions of clicks and are a driving force contributing to the popularization of Mathematics, his code base also has some peculiarities that are common for large one-person projects, e.g., little to no documentation, and an unstable interface. To combat these shortcomings, a small community has formed that is actively maintaining, cleaning and continuously improving Manim; the speaker is one of the core developers of manim-community.

Clemens Heuberger and the Department of Mathematics look forward to seeing you at the talk!