



Lothar-Collatz-Kolloquium für Angewandte Mathematik

Donnerstag, den 9. Juli 2026, um 14:30 Uhr, virtuell**

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Teaching in the era of AI

Zusammenfassung/Abstract:

The capabilities of artificial intelligence (AI) are increasing at an astonishing, if not frightening pace, which has implications on the way we teach and, especially, how our students learn. This is complemented by an ever growing offer of online learning tools and course materials. Mechanics and mathematics is no exception. The way we used to teach our classes and educate our students for decades is transforming, which is both a threat and an opportunity. In this (partly philosophical, partly practice-focused) talk we will discuss how AI and online tools are shaping and changing our education, including practical examples from AI-based tutors and graders to problem and solution generators. Acknowledging that our students will surely use AI in their professional careers, the aim should be not to prevent the use of AI but to teach the responsible use of AI, while also exploiting the available tools for teaching and assessment.

** Der Vortrag findet virtuell statt. Der Link wird rechtzeitig vorher veröffentlicht.
The lecture will be held online. The link will be posted in advance.

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