

Einladung

Würzburger Mathematisches Kolloquium

Julius-Maximilians-Universität Würzburg • Institut für Mathematik

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Julius-Maximilians-Universität Würzburg – Antrittsvorlesung

A Journey into Higher Education – about Proofs, Values and Mandatory Exercises

Dienstag, 23. April 2024 • 14:30 Uhr

Lecture Hall (Raum 00.006) • Graduate School of Life Sciences (Beatrice-Edgell-Weg 21, 97074 Würzburg)

Der Vortrag wird auch Zoom-Meeting übertragen: go.uni-wue.de/ifmcolloquium-zoom

Abstract. One of the main goals of studying mathematics is learning how to prove. But many students struggle when they have to construct a proof in their weekly exercises, even if similar proofs have already been presented to them in their lectures. Therefore, the relationship between comprehending and constructing proofs is analyzed in order to identify problems and develop support measures so that students are able to complete the exercises independently. Regarding these exercises, it is often debated whether exercises should be voluntary or mandatory for students at university. One assumption is that students achieve higher learning outcomes if they have to submit their solutions. But is this really the case? And what is the students' point of view?

