

Einladung zum Kolloquium über Geschichte und Didaktik der Mathematik

Am Dienstag, dem 18.12.2018, um 17:00 Uhr (c.t.)
im Hörsaal M5, Einsteinstraße 64, Münster

spricht

Prof. Dr. Nathalie Sinclair

Teachers` use of dynamism in designing MERLO tasks for geometry

In this talk, I report on a study conducted with inservice secondary school teachers involving the creation of MERLO tasks, which invite teachers and students to think about different registers of representation for mathematical concepts. The teachers were encouraged to use an additional register, that of dynamism, in addition to the visual and discursive registers, in order to design geometry-based MERLO tasks for their students. I will show the different ways in which the dynamic register was used and will discuss important issues that arose in relation to the coordination of this register with the others, issues that are often over-looked in the classroom use of dynamic geometry environments.

Das Heinrich-Behnke-Seminar
lädt alle Lehrenden an Schulen und Hochschulen sowie alle
Studierenden der Mathematik zur Teilnahme am Kolloquium
über Geschichte und Didaktik der Mathematik ein.

Prof. Dr. G. Greefrath, StD W. Hack, Prof. Dr. M. Hils,
Apl. Prof. Dr. M. Joachim, Prof. Dr. M. Löwe, Prof. Dr. M. Stein