



Institut für Didaktik der Mathematik und der Informatik

Einladung zum wissenschaftlichen Kolloquium des IDMI

Arthur Bakker

(Freudenthal Institute, Utrecht University, the Netherlands)

Embodied Movement in Mathematics Education

Can moving the body have added value in learning mathematics? Much research on embodied cognition suggests that cognition is distributed across brain, body, tools, environment, and culture. Far less is known how these ideas can be used for teaching and learning mathematics. In this talk I will give examples of embodied design on proportion and trigonometry. I will also reflect more generally on what are sensible ways of involving the body in learning mathematics, and if carefully elicited sensorimotor activity might make learning mathematics more engaging and interesting.

Dienstag, den 3. Dezember, um 17 Uhr c.t. im Raum 29,
Apffelstaedtstr. 21, 48149 Münster

Vorgespräch bei Kaffee und Tee um 16:30 Uhr im Raum 14,
Apffelstaedtstr. 21, 48149 Münster

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