

제17회 수학교육세미나

Embodied Movement in Mathematics Education



Prof. Arthur Bakker
Utrecht University, Netherlands



·Time: 2020. 7. 16. (Thu) 16:00 ~ 17:30

사회: 윤상균 교수(수학교육과)

시간	내용
16:00 ~ 16:03	인사말씀 : 권오남 교수(수학교육센터장)
16:03 ~ 17:00	강연 : Arthur Bakker(Utrecht University)
17:00 ~ 17:10	지정토론 : 임웅 교수(연세대)
17:10 ~ 17:30	질의응답

·Abstract

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 and reflect on what are sensible ways of involving the body in learning mathematics. Participants will be invited to move their own hands in new (mathematical ways)!

·Biography

Arthur Bakker is an associate professor at Freudenthal Institute, Utrecht University, a fellow at the University of Bremen, and editor-in-chief in Educational Studies in Mathematics. Dr. Bakker has published numerous research papers in diverse areas of mathematics education such as boundary crossing and design research. He currently focuses on the relevance of education research and embodied cognition as well as interest and attitude towards science and mathematics.

사전 등록하기

© 자세한 사항은 서울대학교 수학교육과 홈페이지(<http://mathed.snu.ac.kr>) 공지사항 참조

© 문의 : 이경원 조교 (kyungwon.lee.snu@gmail.com)



서울대학교 교육종합연구원 수학교육센터
SNU Center for Research in
Mathematics Education