



OPEN UP MATH

(flagship project)



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Introduction

- Annoesjka Cabo (TU Delft)
- Open Up Math

Pioneering in open education

First experiences with cross institutional community building and sharing educational resources in math

Project team

- Annoesjka Cabo (TUD, project leader)
- Hans Cuypers (TU/e, project leader)
- Caroline de Wit (TUD, Coordinator and community manager)
- Julie Beardsell (TUD, Innovation expert, focus on technology)
- Martijn Ouwehand (TUD, Open and Online Education expert)
- Bart van den Dries (TUD, Math content expert)

Participation

Participation of all 4 Dutch Technical Universities (**4TU**):

1. Delft University of Technology
2. Eindhoven University of Technology
3. University of Twente
4. Wageningen University & Research

Topics

1. Community Building
2. Sharing Educational Materials

Topic 1: Community Building

- Survey and responses from 95 (participants across the 4TUs)

Result: A community exists and this is desirable and re-use of educational resources needs to be supported (topic 2).

- Roadshows (to share survey results and collect ideas)
- InterTU Study Day (meet face-to-face)

Topic 2: Sharing Educational Materials

- Pilot repository EQUELLA
- Copyrights (awareness)

The screenshot displays the EQUELLA Learning Resources interface. The breadcrumb path is 'Learning Resources > Real numbers'. A green notification bar at the top indicates 'Successfully saved'. The main content area shows the title 'Real numbers' and a description 'Video on Real numbers'. Below this, a table lists metadata:

Content Authors	Cuypers, Hans	Original Contributor	Cuypers, Hans
Institute(s)	TU/e	Copyright	
Discipline of Education	Mathematics, Engineering	Course(s)	TU/e/2WBB0
Learning Resource Type	Slide, Video	Format	URL
Language	EN	Keywords	real numbers

On the right side, there are sections for 'Details' (Owner: Hans Cuypers, Collection: Learning Resources, Version: 1, Status: Live) and 'Actions' (Add to external system, Archive this version, Change ownership, Clone item into a collection, Create a new version, Delete this version, Edit this version, Export, Mark this for review, Modify key resource, Move item into another collection). A 'Share with other' button and an 'Add to favourite' button are also visible. A mouse cursor is pointing at the 'Format' field.



Discussions

1. Community
2. Platform



Discussion 1: Community

- What are the benefits of a community?
- What is needed to keep a community alive?
- What is needed to create awareness and willingness to participate in a community?

Discussion 2: Platform

- How can a community contribute to sharing educational resources?
- Does a platform help to build an online community?

Closing

- For supporting information concerning open learning materials and community building, please visit:
<https://www.4tu.nl/ami/en/Education/Open-Up-Math/>
- Lessons learned: taken into account during other projects