



## Raised Mathematics Project Presentations

NextSense, in collaboration with the Raised Mathematics Project, Round Table on Information Access for People with Print Disabilities, and ICEVI invite you to two online presentations by members of the Raised Mathematics Project Consortium on 27th and 28th September 2022.

The Raised Mathematics Project works on the automated conversion of mathematical content into accessible formats. One goal is to provide an easy to use, fully automated workflow for the transcription of mathematical textbooks for electronic formats (in particular, PreTeXt and LaTeX) into tactile Braille.

High quality automated transcription of mathematical texts, including graphics, into tactile form is an open problem. These two 2 hour presentations will describe the reasons for producing tactile forms of mathematical texts. The presenters will describe common challenges involved in transcription, and progress made to date. They will make the case that semantically rich source files are needed to produce adequate tactile and audio-tactile forms of scientific materials.

You can learn more about the project here: [https://aimath.org/aimnews/braille\\_full/](https://aimath.org/aimnews/braille_full/)

The Raised Mathematics Project is a consortium of researchers from the USA and Europe. Our presenters are Al Maneki, Rob Beezer, Michael Cantino, Alexei Kolesnikov and Volker Sorge

### Day 1: Math Braille (27 September)

### Day 2: Tactile Diagrams (28 September)

Times on both days:

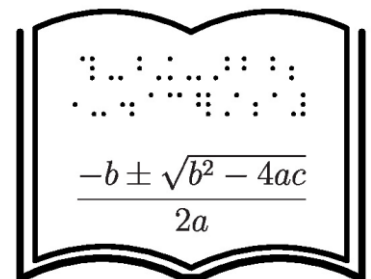
Eastern Daylight Time (EDT): 9am – 11am

Greenwich Mean Time (GMT): 11am – 1pm

Central European Summer Time (CEST): 1pm – 3pm

South Africa Standard Time (SAST): 1pm – 3pm

Australian Eastern Standard Time (Victoria, NSW, Queensland): 9pm – 11pm



There are 490 seats for the live event. Additional registrations will be provided with the recording 7-10 days after the live events.

Register here: <https://www.nextsense.org.au/professional-education/raised-maths-workshops>