

European Service for Bridging Courses in Mathematics

Math-Bridge is the first Pan-European e-Learning platform for online bridging courses in mathematics. It has been developed as a joint effort of nine universities from seven countries. Math-Bridge allows teachers and students to interact with thousands of mathematical learning objects available in seven languages. Users of Math-Bridge can select one of many pre-defined courses, build their own courses or use the adaptive course generation tool. Math-Bridge supports rich educational experience by serving many types of learning objects: from theorems, proofs and definitions to instructional examples and interactive exercises. Development of Math-Bridge is funded by the eContentplus Programme of EU Research Agency (grant# ECP 2008 EDU 428046).



Project Partners



TAMPERE UNIVERSITY OF TECHNOLOGY



Visit the Website at

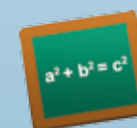
www.math-bridge.org

- Learn more about Math-Bridge -
- Watch video tutorials -
- Try Math-Bridge demo -

For more information

Project coordinator:

Sergey Sosnovsky (CeLTech, DFKI)
contact@math-bridge.org



Improve your lessons
with customized content

Explore Math-Bridge as
a new study technique



www.math-bridge.org

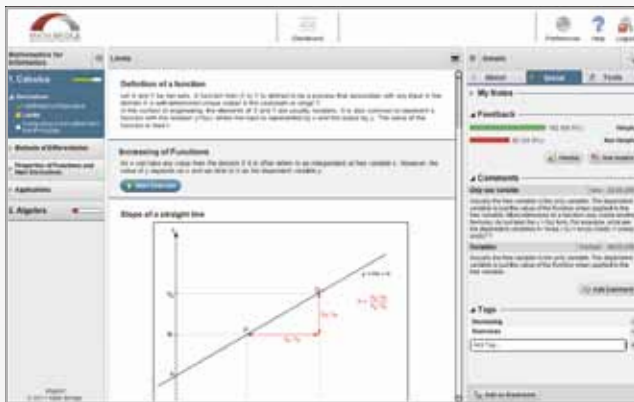


This project is supported by the eContentplus
Programme of the European Union.

Available Content



- 6 collections of mathematical learning content
- 7 languages (English, German, Spanish, French, Dutch, Finnish, Hungarian)
- 9 pre-assembled bridging courses
- 100 test questions
- 600 mathematical concepts
- 1500 examples
- 2500 interactive exercises
- 10000 learning objects



If you are a student



- Learn what you need with the Math-Bridge adaptive course generator
- Learn interactively with Math-Bridge dynamic exercises
- Learn towards mastery with Math-Bridge tracking your progress
- Learn in several languages and perfect your mathematical vocabulary



If you are a teacher



- Choose from a set of pre-assembled courses
- Assemble your own courses from available content collections
- Extend your courses with automatically generated exercises
- Adapt your courses to the needs of your students
- Provide your courses in several languages
- Build online tests that are automatically evaluated
- Track your students' progress

If you are a university representative



Become an associated partner and get access to Math-Bridge services:

- Online bridging courses
- Content encoding using Web-standards
- Platform for content sharing
- Local installation or hosting
- Server management and technical support
- Training for students, teachers, authors and administrators
- Statistical evaluation of bridging courses
- Integration of Math-Bridge with your LMS (Moodle, Ilias and CLIX)