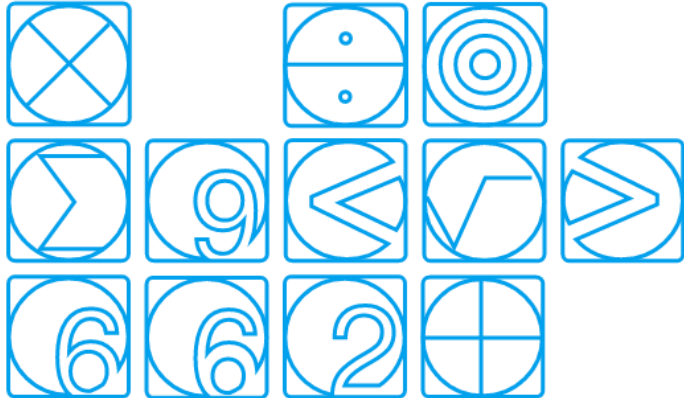


iMath PROJECT

An Intelligent System
to Learn Mathematics

WELCOME



Context

Digital tools have the power to engage more effectively the students, promoting a culture of collaboration, inclusion and flexibility among students of the area of Mathematics.

Aim

Build up customized tools that allow students to learn Mathematics by offering a personalized path.

Develop a one-to-one method to support and assist the students in their study, relying on optimization techniques and learning algorithms.

Foster debate among teachers, students and researchers about how to teach and learn better using optimization and learning algorithms.

Main Activities

Aggregate articles, books, methods, algorithms and codes into an online collaborative library about optimization and learning methods.

Develop a framework to support the students in their study by designing and suggesting a customized path through its resources.

Expected Results

Diversify teaching approaches and pedagogical methodologies.

Improve students' knowledge of subjects that require a strong mathematical background.

Contribute to support teachers and researchers on Optimization and Learning Algorithms.

Target Groups

iMath addresses college students, lecturers, researchers and other elements of the teaching staff.

Partners:

Instituto Politécnico de Bragança (Portugal)
Pixel (Italy)
University of Genoa (Italy)
HAW Hamburg (Germany)
University of Ljubljani (Slovenia)
University of Malaga (Spain)
University of Peloponnese (Greece)

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