



Project Number: 2018-1-PT01-KA203-047361

IO3.C –GOOD PRACTICE

Title of the good practice	Using MathE for remarkable results at Math National and International Contests
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LECTURER INFORMATION

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University	“Gheorghe Asachi” Technical University of Iasi
Country	<input type="checkbox"/> Ireland <input type="checkbox"/> Italy <input type="checkbox"/> Lithuania <input type="checkbox"/> Portugal <input checked="" type="checkbox"/> Romania
Subject taught	Linear Algebra, Geometry, Mathematical Analysis

DESCRIPTION

Topic	Linear Algebra, Differential Equations, Analytic Geometry, Real functions of several variables, Optimization
Sub-topic	Eigenvalues and eigenvectors, Linear transformations, Limits, continuity, domain and images, Nonlinear optimization
Students involved	Students from Faculty of Automatic Control & Computer Engineering
Sections of the platform	<input type="checkbox"/> Self-Need Assessment <input type="checkbox"/> Final Assessment <input checked="" type="checkbox"/> Video Collection <input checked="" type="checkbox"/> Teaching Sources <input type="checkbox"/> Community of Practice
Description of the experience	<i>We used the MathE teaching resources and video materials in the preparation of students for SEEMOUS 2020, Thessaloniki, Greece and Internet Mathematical Olympiad, organized by Ariel University, Israel, with very good results (6 medals in these competitions).</i>
Added value of the MathE Platform	It was helpful to use so many materials and videos to complete and to perfect the preparation of our students. A variety of methods and types of the mentioned topics was used in order to understand very well the proposed subjects.



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