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Ministry of Higher Education and Scientific Research
 University Mohamed Boudiaf of M'sila Ecole Normale Supérieure de Bousaada



Organize



Important dates

Abstracts submission deadline: September 30, 2023
 Acceptance notification: October 10, 2023
 Conference date : October 25-26, 2023

The abstracts should not exceed 200 words, all three languages are allowed : Arabic, English and French
 The abstracts should be submitted via E-mail to

maths-socty@ens-bousaada.dz or maths-society@univ-msila.dz

Registration fees

University lecturers : 5000 DA
 PhD students : 1500 DA
 Other 2000 D.A

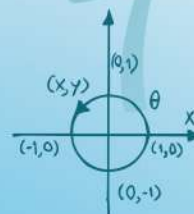
$$x^2 - 2ax + a^2 = (x-a)^2$$

$$\tanh(x) = \frac{\sinh(x)}{\cosh(x)} = \frac{e^x - e^{-x}}{e^x + e^{-x}}$$

National Seminar MATHEMATICS, MATHEMATICS AND SOCIETY

OCTOBER 25-26, 2023

WITH THE COLLABORATION OF
 LABORATORY OF FUNCTIONAL ANALYSIS AND GEOMETRY
 SPACES, UNIVERSITY OF MSILA
 AND MATHEMATICS DEPARTMENT, ENS BOUSAADA



$$x_{n+1} = (x_n/2)(3 - ax_n^2)$$

Committees

Honorary Chair

- Pr. Ammar Boudalaa , Rector of Mohamed Boudiaf University, M'sila
- Pr. Dehimi Ouali , Director of ENS Bousaada
- Pr. Brahim Nouiri , Dean of Faculty of mathematics and computer science , Univ M'sila

Steering Committee

- Pr. Dahmane Achour , University of M'sila
- Dr. Ahmed Abbassi , ENS Bousaada

Preamble

Mathematics have their inner beauty and attraction, but their role with the socio-cultural environment is determined above all by the pedagogical qualities attributed to them. Mathematical realities and structures are among the highest intellectual gains of mankind and therefore worth studying. Moreover, since we depend almost entirely on logical thinking, educational benefit is very important in a world that greatly values rational thinking and behavior. By sharpening thinking and developing problem-solving, studying Mathematics does a lot to know and acquire intellectual abilities. These cultural aspects affect everyone to some extent through our traditional educational mechanisms, which reflect society's commitment to "human" education

Many researchers are already working on the same Mathematics and it is part of our preoccupations in this forum but we wonder at our meeting about the links between Mathematics and other disciplines. Today we question the interactions of Mathematics with the world around us. Outside the classroom, we find Maths in the city, in the museum, in our occupations.... This work shows new perspectives, new practices, and many ways to interest students in school, university, etc., Mathematics for Mathematics and other subjects and for society, questions we want to find an approach to answer about some of them in this forum

This is the view taken especially by many Mathematicians in their education and research

?What role should mathematics play in today's society

Current societal changes bring with them a fundamental movement of knowledge. Many experts and scientists put forward discussions about its fundamentals, quality and relevance, sometimes even its usefulness, without forgetting the question of who owns it. Mathematical knowledge is part of this dynamic, and it must be today, if it is re-examined, and ways of addressing it, because it contributes to understanding the future prospects of our societies: Place for digital technology, artificial intelligence, interdisciplinary sciences (physics, Mathematics, biology, etc.). But these questions should not overshadow the statue of Mathematics as science in itself

At this forum, we invite participants to express their views on these changes in knowledge, and the recommendations they can make to assist educational institutions (schools, and universities etc.) to teach the Mathematics of tomorrow

Topics

Applied Mathematics
Functional Analysis
History of Mathematics
Maths Apps : physics, computer science, artificial intelligence
Algebra and number theory

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