



جامعة الاخوة منطوري قسنطينة I
Frères Mentouri Constantine I University
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People's Democratic Republic of Algeria
Ministry of higher education and scientific research
University Constantine 1, ALGERIA
Faculty of Exact Sciences
Department of Mathematics



The First International Workshop on Applied Mathematics
1st-IWAM'2022, 6-8 December, 2022 Constantine, ALGERIA

<https://www.umc.edu.dz/index.php/en>
<https://sites.google.com/view/iwam2022/home>

Certificate

of Participation

This certifies that

Toufik HERAIZ

has actively participated in 1st-IWAM'2022

Type of Presentation: Oral Communication

This certificate is proudly presented to **Toufik HERAIZ** who has successfully participated in
The First International Workshop on Applied Mathematics 1st-IWAM'2022, 6-8 December, 2022 Constantine, ALGERIA.

Title: **THE PERTURBATION THEORY OF A SEQUENCE OF BOUNDED LINEAR OPERATORS AND THE S-
CONVERGENCE**

Pr. M. DALAH
Chairman of 1st IWAM'2022

The First International
Workshop On Applied Mathematics
1st-IWAM'2022

Date: December,
6-8th, 2022



DALAH Mohamed