



People's Democratic Republic of Algeria  
Ministry of Higher Education and Scientific Research  
Amar Telidji University – Laghouat  
Faculty of Sciences  
Mathematics Department



*Laboratory of Pure and Applied Mathematics*

**2<sup>nd</sup> National Conference on Pure and Applied Mathematics**

**NCPAM'2022, December 18 - 19, 2022, Laghouat, Algeria**

## ***CERTIFICATE OF PARTICIPATION***

The organizing committee of the 2<sup>nd</sup> **N**ational **C**onference on **P**ure and **A**ppled **M**athematics  
**NCPAM'2022** December 18 - 19, 2022, Laghouat, Algeria, certifies that:

**Abdelaziz BELAADA**

Presented an ORAL COMMUNICATION entitled:

**A characterization of positive  $(p; q)$ -summing sublinear operators**



Chairman of the NCPAM'2022

**Dr. Fares Yazid**