



LMAP

LABORATORY OF
MATHEMATICS AND
APPLIED PHYSICS
المدرسة العليا للأساتذة - بوسادة
ENS-BOUSAADA

Ministry of Higher Education and Scientific Research
Higher Normal School of Bou Saada
Department of Science Physics and Laboratory
of Mathematics and Applied Physics



CERTIFICATE OF PARTICIPATION

**The Organizing Committee of the Second National Conference on Physics and its Applications
(20 Novembre 2025) is pleased to award this certificate to :**

OUSSAMA MOUSSA

in recognition of his active participation in the conference with an Oral presentation entitled: "Design and PIL implementation of a new robust backstepping based low-complexity voltage-oriented control method for four-leg rectifiers"

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