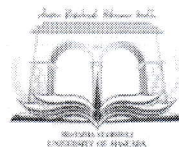


University of MUSTAPHA Stambouli
Mascara
Faculty of exact sciences
Departement of Mathematics



جامعة مصطفى إسماعيل
معسكر
كلية العلوم الدقيقة
قسم الرياضيات

DOCTORATE Thesis
Speciality: Mathematics
Option: Mathematical Analysis And its Applications

Entitled

On the study of the eigenvalues, the numerical range and the numerical radius of linear operator in Hilbert space

Presented by: AMMAR Aicha
The 29 /06 /2025 at 16h

The jury :

President	BENMERIEM Khaled	Professor	Mascara University
Examiner	BENHARRAT Mohammed	Professor	National Polytechnic School Oran
Examiner	BENALI Abdelkader	Professor	Chlef University
Examiner	KAINANE MEZADEK Abdelatif	M.C.A	Chlef University
Examiner	HELAL Mohamed	M.C.A	Mascara University
Supervisor	FRAKIS Abdelkader	Professor	Mascara University

University Year : 2024 – 2025