

PEOPLE'S DEMOCRATIC REPUBLIC OF ALGERIA
MINISTRY OF HIGHER EDUCATION AND SCIENTIFIC RESEARCH
UNIVERSITY OF LABRI BEN M'HIDI OUM EL BOUAGHI
FACULTY OF EXACT SCIENCES ,NATURAL SCIENCES AND LIFE
Department of Mathematics and Computer Science

Serial number :.....

Order number.....



Doctor Thesis

For obtaining the Doctor's degree :

DOCTORATE IN MATHEMATICS

OPTION : Algebra

Theme

Characterization of certain subgroup of automorphisms for
a p-group G , which verifies a given property .

Presented by **Bahri Boubakeur**



members of jury:

President	Dr.Zekraoui Hanifa	Prof.	Univ.Oum El Bouaghi
Supervisor	Dr.Badis Abdelhafid	MCA.	Univ. Khenchela
Co- Supervisor	Dr.Guerbouss Yassine	MCA.	Univ.Kasdi Merbah Ouarla
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Academy University: 2023-2024