

**PEOPLE'S DEMOCRATIC REPUBLIC OF ALGERIA**  
**MINISTRY OF HIGHER EDUCATION AND SCIENTIFIC RESEARCH**  
**UNIVERSITY OF MOHAMED BOUDIAF-M'SILA-**

**COLLEGE OF TECHNOLOGY**

**ELECTRONICS DEPARTMENT**

**N : .....**



**SECTOR: SCIENCE AND TECHNOLOGY**

**SPECIALTY: ELECTRONICS**

**OPTION: INSTRUMENTATION**

**A THESIS SUBMITTED FOR THE DEGREE OF:**  
**MASTER**

**THEME:**

***Trimodal Generalized Gamma Distribution of  
Sea Echoes and CFAR Detection in CG-LNT  
Clutter with Multiple Order Statistics***

Presented by

DJEMAI Boutheyna

Supported ...../...../.....

**Supported by a jury of:**

Pr. ....  
Pr. Mezache Amar  
Pr. Oudira Houcine  
Dr. ....

President  
Supervisor  
Co-Supervisor  
Examiner

Departement of Electronics  
Departement of Electronics  
Departement of Electronics  
Departement of Electronics

**Academic year : 2024 / 2025**