



DEMOCRATIC REPUBLIC OF ALGERIA AND POPULAR  
MINISTRY OF HIGHER EDUCATION AND SCIENTIFIC  
RESEARCH

University Mohamed Boudiaf of M'sila  
Faculty of Mathematics and Computer Science  
Department of Mathematics



## Master Memory

Domain : Mathematics and Computer Science

Filiere : Mathematics

Option : PDE & Application

### Theme

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## Boundary Value Problem of Nonlinear $q$ -Symmetric Fractional Differential Equations

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Presented by :

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Graduation Date: 30/06/2019.

Presented to the Jury :

**President :** *M<sup>r</sup> BENHAMIDOUCHE* Nouredine

**Protractor :** *M<sup>r</sup> ARIOUA* Yacine

**Examiner :** *M<sup>r</sup> MERZOUGUI* Abdelkrim

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