

<p><b>Research program:</b> <b><i>“Harmonic analysis and partial differential equation”</i></b></p>
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***Annex C***

**Department of Management, Information and Production Engineering**

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**Research project**

Study of the current definitions of Sobolev spaces in the subelliptic framework and their limitation when the drift term is present.

Study of alternative definitions which overcome the above limitations.

Possible applications to the study of regularity of solution to differential equations with the drift term