




In view of the health context linked to the spread of the coronavirus, the methods of organisation and evaluation of the learning units could be adapted in different situations; these possible new methods have been - or will be - communicated by the teachers to the students.

5 credits	30.0 h + 15.0 h	Q2
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Teacher(s)	Bieliavsky Pierre ;
Language :	French
Place of the course	Louvain-la-Neuve
Aims	<i>The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".</i>
Evaluation methods	<b>Due to the COVID-19 crisis, the information in this section is particularly likely to change.</b> Written exam
Teaching methods	<b>Due to the COVID-19 crisis, the information in this section is particularly likely to change.</b> Lectures and exercise sessions
Content	-Introduction to Lie groups and Lie algebras -Homogeneous spaces -Riemannian symmetric spaces -Theory of representations of Lie groups. Kirilov's orbit method.
Bibliography	Syllabus on Moodle (en cours de préparation).
Faculty or entity in charge	MATH

<b>Programmes containing this learning unit (UE)</b>				
Program title	Acronym	Credits	Prerequisite	Aims
Master [120] in Mathematics	<a href="#">MATH2M</a>	5		
Master [60] in Mathematics	<a href="#">MATH2M1</a>	5		
Master [120] in Statistic: General	<a href="#">STAT2M</a>	5		
Master [120] in Physics	<a href="#">PHYS2M</a>	5		