

The 2-plectic structure and the inherent dynamic on the six-sphere

jeudi 26 septembre 2024 14:00 (1 heure)

After some brief reminders on the octonions and the exceptional Lie group G_2 , we will be interested in the 2-plectic structure on the 6-sphere induced by the octonions and the links with the almost complex structure. In a second part of the talk, we will discuss the dynamic in the two possible cases : vector field and bivector field, and we shall study in more detail the multisymplectic structure.

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