

SEMINARIO DI GEOMETRIA

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AULA S

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Hermitian structures related to Gauduchon metrics

We consider several classes of Hermitian structures related to the Gauduchon metrics. On the one hand, Fu, Wang and Wu recently introduced the class of 1st Gauduchon structures, which is a generalization of the Gauduchon metrics that contains the class of SKT structures. On the other hand, Popovici has introduced the special class of strongly Gauduchon metrics, which contains the balanced Hermitian structures. We show some relations among these classes with special emphasis on their behaviour on 6-dimensional nilmanifolds.

Ulteriori informazioni:

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