



SEMINÁRIOS do departamento de MATEMÁTICA

Título

Applications of Elie Cartan's Theory of Differential Invariants and Transformation Groups

Palestrante

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Resumo

A century ago Elie Cartan made major advances in the pioneering work of Sophus Lie on invariants and transformation groups. Cartan built a powerful theory of exterior differential systems which had and has applications well beyond its original use in the study of infinite dimensional Lie Pseudogroups. I will give a survey of modern uses of this in a variety of applications.

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