SEMINÁRIO DE GEOMETRIA

Dia 23 Março (sexta-feira), às 13h30, sala 6.2.33

Applications of a fundamental exterior differential system

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Abstract: We present a fundamental exterior differential system associated to any given oriented Riemannian manifold of any given dimension. New equations of Riemannian geometry are found. The differential system coincides with the Cartan structural equations in the 2-dimensional case and had recent developments in 3-dimensions. We show several applications in some particular fields of study, such as weak holonomies, Einstein manifolds and hypersurface theory.

Local: FCUL – Edf. C6 - Piso 2, 6.2.33