



GRIFONE'S CONNECTION ON THE TANGENT SUB-BUNDLE

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Abstract

We construct in this article the Grifone's connection on a sub-bundle of the tangent bundle to a differentiable manifold M . We define the covariant derivative and the geodesic. We use in this article the definition of Grifone's connection on the tangent fibre bundle. This Grifone's connection is depending to a new bracket of Lie on the tangent sub-bundle. This new bracket is equivalent to define a bivector on some sub-space de cotangent space T^*M .

Keywords and phrases: connexions, distributions, fibré.

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