

Noncommutative Differential Structure on Finite Groups

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Abstract : In this paper, we take example of differential calculi, on the finite group A_4 . Then, we apply methods of non-commutative of non-commutative differential geometry to this example, and see how similar the results are to those of classical differential geometry.

Keywords : differential calculi, finite group A_4 , Christoffel symbols, covariant derivative, torsion compatible

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