

Quandles and C^∞ -manifolds

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Abstract. There are many studies for finite quandles. This talk explores manifolds X with a quandle structure and presents some examples and properties of X . I show that X is a homogenous space ($X = G/H$) under a natural condition. Moreover, with defining a quandle measure of X , I arrive at some results as analogous to cases of finite quandles.