DEFORMATIONS OF LIE SUBGROUPS AND THE VARIATION OF ISOTROPY SUBGROUPS

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Introduction

Let the (real or complex) Lie group G act analytically on the connected (real or complex) analytic manifold M. In this paper we shall study the behaviour of the isotropy subgroups G_x as a function of $x \in M$. If $m = \min_{x \in M} \dim G_x$, it is trivial to show that $M_0 =$

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