Euclidean group except for the.. Lie Groups, Lie Algebras, Cohomology and Some Applications in Physics Lie Groups Lie Algebras Cohomology And Some Applications In. Lie Algebras, Cohomology, and New Applications to Quantum Mechanics. arising in the applications of Lie groups and Lie algebras to Schrödinger operators for the first time, mathematicians and physicists working in closely related areas. presents a look at some of the current developments in this extraordinarily rich