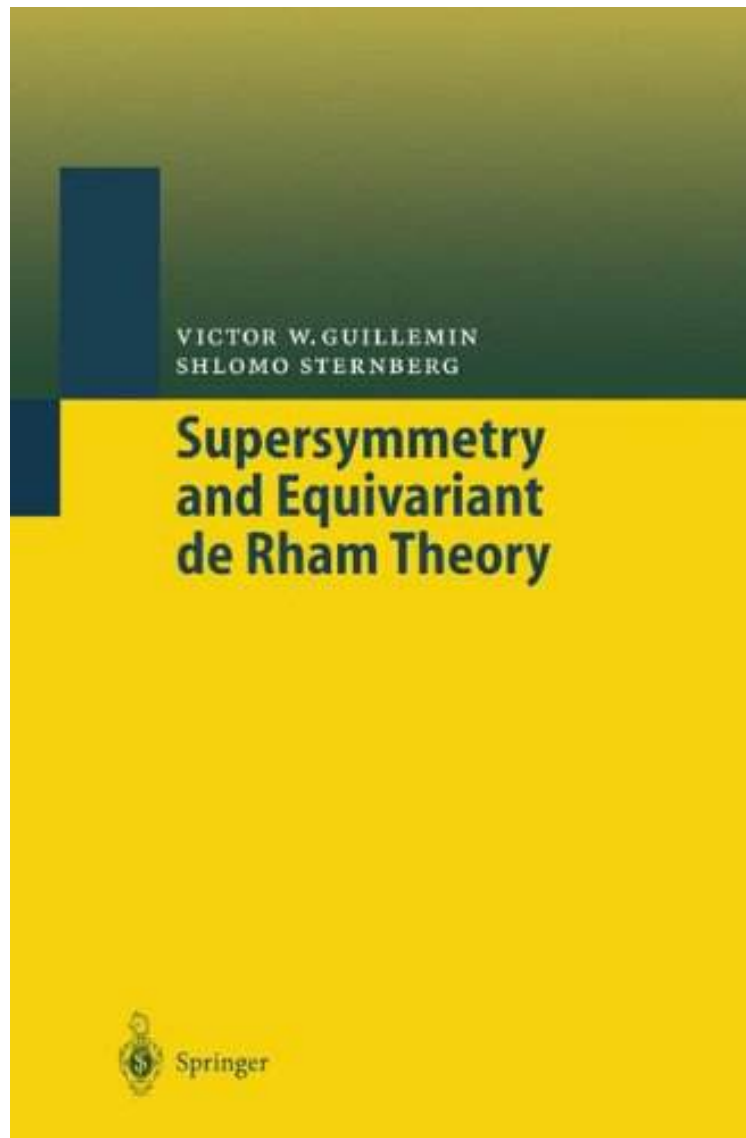# Supersymmetry and Equivariant de Rham Theory

By Victor W Guillemin, Shlomo Sternberg
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7 of 8 review helpful From Geometry to Algebra By Matthew Leingang This book is inspired by Cartan s two seminal

papers about the topological implications of Lie groups acting on manifolds In fact the two papers are reprinted in the back of the book There is not much new mathematics needed to extract the category of G algebras and to develop their equivariant cohomology This abstraction has fascinating impli This book discusses the equivariant cohomology theory of differentiable manifolds Although this subject has gained great popularity since the early 1980 s it has not before been the subject of a monograph It covers almost all important aspects of the subject The authors are key authorities in this field From the reviews MATHEMATICAL REVIEWS The authors are very generous to the reader and explain all the basics in a very clear and efficient manner The understanding is enhanced by appealing to concepts which developed after Cartan rsquo s seminal work w

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