

1. Record Nr.	UNINA9910483511503321
Autore	Arabia Alberto
Titolo	Equivariant Poincare duality on G-manifolds : equivariant Gysin morphism and equivariant Euler classes // Alberto Arabia
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2021] ©2021
ISBN	3-030-70440-8
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XV, 376 p. 272 illus., 2 illus. in color.)
Collana	Lecture Notes in Mathematics ; ; 2288
Disciplina	515.782
Soggetti	Duality theory (Mathematics) Cohomology operations Teoria de la dualitat (Matemàtica) Homologia Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This book carefully presents a unified treatment of equivariant Poincaré duality in a wide variety of contexts, illuminating an area of mathematics that is often glossed over elsewhere. The approach used here allows the parallel treatment of both equivariant and nonequivariant cases. It also makes it possible to replace the usual field of coefficients for cohomology, the field of real numbers, with any field of arbitrary characteristic, and hence change (equivariant) de Rham cohomology to the usual singular (equivariant) cohomology . The book will be of interest to graduate students and researchers wanting to learn about the equivariant extension of tools familiar from non-equivariant differential geometry.