

1. Record Nr.	UNINA9910818932403321
Autore	Roe John <1959->
Titolo	Coarse cohomology and index theory on complete Riemannian manifolds // John Roe
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , 1993 ©1993
ISBN	1-4704-0074-X
Descrizione fisica	1 online resource (106 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; Number 497
Disciplina	516.3/73
Soggetti	Riemannian manifolds Homology theory Index theory (Mathematics)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"July 1993, Volume 104, Number 497 (fourth of 6 numbers)."
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Contents""; ""Chapter 1. Introduction""; ""Chapter 2. Basic properties of coarse cohomology""; ""2.1. The uniformly bornologous categories""; ""2.2. Definition of coarse theory""; ""2.3. Examples""; ""2.4. Product structure on coarse theory""; ""Chapter 3. Computation of coarse cohomology""; ""3.1. Review of Cech theory""; ""3.2. The main theorem""; ""3.3. Alternative definitions of coarse theory""; ""3.4. When is $c$ an isomorphism?""; ""3.5. Bornotopy""; ""3.6. Examples""; ""Chapter 4. Cyclic cohomology and index theory""; ""4.1. Operator algebras""; ""4.2. The Connes character map"" ""6.5. Applications to the signature operator""""6.6. Relation with the Novikov conjecture""; ""References""