1.	Record Nr.	UNINA9910827210603321
	Autore	Lescop Christine <1966->
	Titolo	Global surgery formula for the Casson-Walker invariant / / by Christine Lescop
	Pubbl/distr/stampa	Princeton, New Jersey : , : Princeton University Press, , 1996 ©1996
	ISBN	0-691-02133-3 1-4008-6515-8
	Descrizione fisica	1 online resource (156 p.)
	Collana	Annals of Mathematics Studies ; ; Number 10
	Disciplina	514/.72
	Soggetti	Surgery (Topology) Three-manifolds (Topology)
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Front matter -- Table of contents -- Chapter 1. Introduction and statements of the results -- Chapter 2. The Alexander series of a link in a rational homology sphere and some of its properties -- Chapter 3. Invariance of the surgery formula under a twist homeomorphism -- Chapter 4. The formula for surgeries starting from rational homology spheres -- Chapter 5. The invariant A. for 3-manifolds with nonzero rank -- Chapter 6. Applications and variants of the surgery formula -- Appendix. More about the Alexander series -- Bibliography -- Index
	Sommario/riassunto	This book presents a new result in 3-dimensional topology. It is well known that any closed oriented 3-manifold can be obtained by surgery on a framed link in S 3. In Global Surgery Formula for the Casson-Walker Invariant, a function F of framed links in S 3 is described, and it is proven that F consistently defines an invariant, lamda (l), of closed oriented 3-manifolds. l is then expressed in terms of previously known invariants of 3-manifolds. For integral homology spheres, l is the invariant introduced by Casson in 1985, which allowed him to solve old and famous questions in 3-dimensional topology. l becomes simpler as the first Betti number increases. As an explicit function of Alexander polynomials and surgery coefficients of framed links, the function F extends in a natural way to framed links in rational homology spheres.

It is proven that F describes the variation of I under any surgery starting from a rational homology sphere. Thus F yields a global surgery formula for the Casson invariant.

2.	Record Nr.	UNINA9910136059903321
	Titolo	Duke environmental law & policy forum
	Pubbl/distr/stampa	Durham, N.C., : Duke University School of Law, Duke University School of the Environment, Terry Sanford School of Public Policy, Duke University
	ISSN	2328-9686
	Disciplina	344.73/046/05
		347.3044605
	Soggetti	Environmental law - United States
		Environmental policy - United States
		Environmental law
		Environmental policy
		Environnement - Politique gouvernementale - Etats-Unis
		Environnement - Politique gouvernementale
		Dret ambiental
		Medi ambient
		Política ambiental
		Legislació
		Law reviews.
		Periodicals.
		Revistes electròniques.
		United States
		Estats Units d'Amèrica
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Periodico
	Note generali	Refereed/Peer-reviewed