

1. Record Nr.	UNINA9910480693403321
Autore	Epstein Charles L.
Titolo	The spectral theory of geometrically periodic hyperbolic 3-manifolds / / Charles L. Epstein
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , 1985 ©1985
ISBN	1-4704-0748-5
Descrizione fisica	1 online resource (174 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; Volume 58, Numbr 335
Disciplina	514/.7
Soggetti	Three-manifolds (Topology) Spectral theory (Mathematics) Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"November 1985, volume 58 number 335 (first of four numbers)."
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	<p>""Table of Contents""; ""Notation""; ""1. Preliminaries""; ""1.1 Introduction""; ""1.2 Holomorphic Families of Operators""; ""2. Floquet Theory""; ""2.1 An Equivalent Family of Operators""; ""2.2 A Second Equivalent Family of Operators""; ""3. The Elliptic Case""; ""3.1 The Analyticity of the Operators""; ""3.2 An Estimate on the Derivatives of the Eigenvalues""; ""3.3 A Lower Bound on the Density of the Absolutely Continuous Spectrum""; ""3.4 The Structure of the Spectrum Near Zero""; ""4. The Parabolic Case""; ""4.1 Introduction""; ""4.2 The Analyticity of $L[\sub(I?)]$""</p> <p>""4.3 Boundary Behavior of $L[\sub(I?)]$""""4.4 The Absolutely Continuous Spectrum of $-I?$ on $H[\sup(3)]/I?$""; ""4.5 The Asymptotic Behavior of $I[\sub(1)](I?)$ Near Zero""; ""5. Applications of the Spectral Theory""; ""5.1 Introduction""; ""5.2 The $L[\sup(2)]$ Theory of the Wave Equation in $H[\sup(3)]/I?$""; ""5.3 Lattice Point Asymptotics: The Exact Leading Order Term""; ""5.4 The Explicit Leading Term for $a??(R)$""; ""5.5 Asymptotics of the Lengths of Closed Geodesies""; ""Appendices""; ""1. Hyperbolic Manifolds and Hyperbolic Isometries""; ""2. A Uniform Estimate for $K[\sub(I?)](z)$""</p> <p>""3. Derivation of a Selberg Trace Formula""""References""</p>

