

1. Record Nr.	UNINA9910827874403321
Autore	Tomi Friedrich
Titolo	The index theorem for minimal surfaces of higher genus / / F. Tomi, A. J. Tromba
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , 1995 ©1995
ISBN	1-4704-0139-8
Descrizione fisica	1 online resource (90 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; Volume 117, Number 560
Altri autori (Persone)	TrombaAnthony
Disciplina	516.3/62
Soggetti	Minimal surfaces Plateau's problem Index theorems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"September 1995, Volume 117, Number 560 (third of 5 numbers)."
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Contents""; ""A0 Introduction""; ""A1 The Differential Geometric Approach to Teichmuller Theory""; ""2 Minimal Surfaces of Higher Genus as Critical Points of Dirichlet's Functional""; ""A3 Review of Some Basic Results in Riemann Surface Theory""; ""A4 Vector Bundles over Teichmuller Space""; ""A5 Minimal Surfaces of Higher Genus as the Zeros of a Vector Field and the Conformality Operators""; ""A6 The Corank of the Partial Conformality Operators""; ""A7 The Corank of the Complete Conformality Operators""; ""A8 Manifolds of Harmonic Surfaces of Prescribed Branching"" ""A9 The Index Theorem""""Appendix I A Supplement to the Boundary Regularity Theorems for Minimal Surfaces""; ""Appendix II Maximal Ideals in Sobolev Algebras of Holomorphic Functions""; ""References""