Please use this identifier to cite or link to this item: http://hdl.handle.net/123456789/5766

Title:	Teichmüller Spaces of Compact Riemann Surfaces.
Authors:	Chand, Rupkatha.
Keywords:	Teichmüller Spaces Compact Riemann Surfaces. Spaces of Compact Riemann Surfaces Riemann Surfaces.
Issue Date:	May-2024
Publisher:	IISER Mohali
Abstract:	In this thesis, we study the Teichmüller space of compact Riemann surfaces — the space of marked compact Riemann surfaces. First, we study a topological structure on the Teichmüller space of higher genus surfaces S g (g ≥ 2) through its description separately through Fenchel-Nielsen coordinates and as the space of discrete faithful representation of $\pi_1(S_g)$ into Isom(H 2) □ = PSL(2, R). Later we introduce the descrip- tion of the Teichmüller space using quasiconformal maps, which yields the Teichmüller metric on the Teichmüller space. Lastly, we briefly have a look at the Thurston com- pactification of the Teichmüller space.
URI:	http://hdl.handle.net/123456789/5766
Appears in Collections:	MS-19

Files in This Item:

File	Description	Size	Format	
Under Embargo period.odt		9.72 kB	OpenDocument Text	View/Open

Show full item record