1. Record Nr.	UNINA9910154754603321
Autore	Rapoport Michael
Titolo	Period Spaces for p-divisible Groups (AM-141), Volume 141 / / Thomas Zink, Michael Rapoport
Pubbl/distr/stampa	Princeton, NJ : , : Princeton University Press, , [2016] ©2016
ISBN	1-4008-8260-5
Descrizione fisica	1 online resource (347 pages)
Collana	Annals of Mathematics Studies ; ; 152
Classificazione	SI 830
Disciplina	512.2
Soggetti	p-divisible groups Moduli theory p-adic groups
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Frontmatter -- Contents -- Introduction -- 1. p-adic symmetric domains -- 2. Quasi-isogenies of p-divisible groups -- 3. Moduli spaces of p-divisible groups -- Appendix: Normal forms of lattice chains -- 4. The formal Hecke correspondences -- 5. The period morphism and the rigid-analytic coverings -- 6. The p-adic uniformization of Shimura varieties -- Bibliography -- Index
Sommario/riassunto	In this monograph p-adic period domains are associated to arbitrary reductive groups. Using the concept of rigid-analytic period maps the relation of p-adic period domains to moduli space of p-divisible groups is investigated. In addition, non-archimedean uniformization theorems for general Shimura varieties are established. The exposition includes background material on Grothendieck's "mysterious functor" (Fontaine theory), on moduli problems of p-divisible groups, on rigid analytic spaces, and on the theory of Shimura varieties, as well as an exposition of some aspects of Drinfelds' original construction. In addition, the material is illustrated throughout the book with numerous examples.