

1. Record Nr.	UNINA9910788748203321
Autore	Andreatta F (Fabrizio), <1972->
Titolo	Hilbert modular forms : mod p and p-adic aspects // F. Andreatta, E.Z. Goren
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [2005] ©2005
ISBN	1-4704-0420-6
Descrizione fisica	1 online resource (114 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; number 819
Disciplina	510 s 516.3/5
Soggetti	Arithmetical algebraic geometry Hilbert modular surfaces Forms, Modular Moduli theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Volume 173, number 819 (fourth of 5 numbers)."
Nota di bibliografia	Includes bibliographical references (pages 98-100).
Nota di contenuto	""Contents""; ""1. Introduction""; ""2. Notations""; ""3. Moduli spaces of abelian varieties with real multiplication""; ""4. Properties of G""; ""5. Hilbert modular forms""; ""6. The q-expansion map""; ""7. The partial Hasse invariants""; ""8. Reduceness of the partial Hasse invariants""; ""9. A compactification of $m(k, I_{\substack{pN}}^{\sup(Kum)})$ ""; ""10. Congruences mod $p^{\sup(n)}$ and Serre's p-adic modular forms""; ""11. Katz's p-adic Hilbert modular forms""; ""12. The operators $I_{\substack{B,i}}^?$ ""; ""13. The operator V""; ""14. The operator U""; ""15. Applications to filtrations of modular forms"" ""16. Theta cycles and parallel filtration (inert case)"" ""17. Functorialities""; ""18. Integrality and congruences for values of zeta functions""; ""19. Numerical examples""; ""20. Comments regarding values of zeta functions""; ""21. References""