

1. Record Nr.	UNINA9910154752803321
Autore	Lusztig George
Titolo	Characters of Reductive Groups over a Finite Field. (AM-107), Volume 107 // George Lusztig
Pubbl/distr/stampa	Princeton, NJ : , : Princeton University Press, , [2016] ©1984
ISBN	9781400881772 1400881773
Descrizione fisica	1 online resource (408 pages) : illustrations
Collana	Annals of Mathematics Studies ; ; 278
Classificazione	SK 260
Disciplina	512/.2
Soggetti	Finite groups Finite fields (Algebra) Characters of 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 indexes.
Nota di contenuto	Frontmatter -- TABLE OF CONTENTS -- INTRODUCTION -- 1. COMPUTATION OF LOCAL INTERSECTION COHOMOLOGY OF CERTAIN LINE BUNDLES OVER A SCHUBERT VARIETY -- 2. LOCAL INTERSECTION COHOMOLOGY WITH TWISTED COEFFICIENTS OF THE CLOSURES OF THE VARIETIES XW -- 3. GLOBAL INTERSECTION COHOMOLOGY WITH TWISTED COEFFICIENTS OF THE VARIETY XW -- 4. REPRESENTATIONS OF WEYL GROUPS -- 5. CELLS IN WEYL GROUPS -- 6. AN INTEGRALITY THEOREM AND A DISJOINTNESS THEOREM -- 7. SOME EXCEPTIONAL GROUPS -- 8. DECOMPOSITION OF INDUCED REPRESENTATIONS -- 9. CLASSICAL GROUPS -- 10. COMPLETION OF THE PROOF OF THEOREM 4.23 -- 11. EIGENVALUES OF FROBENIUS -- 12. ON THE STRUCTURE OF LEFT CELLS -- 13. RELATIONS WITH CONJUGACY CLASSES -- 14. CONCLUDING REMARKS -- APPENDIX -- REFERENCES -- SUBJECT INDEX -- NOTATION INDEX -- Backmatter
Sommario/riassunto	This book presents a classification of all (complex)irreducible representations of a reductive group withconnected centre, over a finite field. To achieve this,the author uses etale intersection cohomology, anddetailed information on representations of Weylgroups.

