

1. Record Nr.	UNINA9910819082203321
Autore	Jorgenson Jay
Titolo	Heat Eisenstein Series on $\mathrm{SL}_n(\mathbb{C})$ / / Jay Jorgenson, Serge Lang
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , 2009 ©2009
ISBN	1-4704-0560-1
Descrizione fisica	1 online resource (146 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; Number 946
Disciplina	515/.353
Soggetti	Heat equation Eisenstein series Decomposition (Mathematics) Function spaces
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Volume 201, number 946 (end of volume)."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	<p>""Contents""; ""Acknowledgements""; ""Introduction""; ""Notation and Terminology""; ""Chapter 1. Estimates on $\mathrm{SL}[\mathrm{sub}(n)]$ Parabolics""; ""1. The hermitian norm on $\mathrm{SL}[\mathrm{sub}(n)]$ and Siegel sets""; ""2. Volume and lattice point estimates""; ""3. Estimates of A-projections""; ""4. Standard reduced parabolics""; ""5. Characters on parabolics""; ""6. Estimates of Ap-projections""; ""7. Parabolic integral formulas""; ""Chapter 2. Eisenstein Series""; ""1. The character Eisenstein series""; ""2. Twists of character Eisenstein series""; ""3. Two-character Eisenstein series""; ""4. The Gauss space""</p> <p>""5. The parabolic Eisenstein integration formula""""Chapter 3. Adjointness and Inversion Relations""; ""1. Adjointness formulas and F-cuspidality""; ""2. Adjointness and initial conditions formulas""; ""3. P-cuspidality and heat Eisenstein series""; ""4. The family of anticuspidal operators $J[\mathrm{sub}(P, I?, e, t)]$""; ""Chapter 4. Applications of the Heat Equation""; ""1. Parabolics and the (a, n)-characters""; ""2. Direct image of Casimir on parabolics""; ""3. The differential equation for $E[\mathrm{sub}(P, I?, K)]$ and $E[\mathrm{sup}(#)][\mathrm{sub}(P, K)]$""</p> <p>""4. Convolution of $\mathrm{Tr}[\mathrm{sub}(I?)](K[\mathrm{sub}(X)])$ and the Eisenstein series""""5. The P-anticuspidal semigroup property""; ""6. The P-anticuspidal</p>

operator $J[\text{sub}(P, I?I?p,)]$ and the conjectured spectral expansion"; ""7. Onward""; ""Appendix. The Heat Kernel""; ""1. Dodziuk's uniqueness theorem""; ""2. The fundamental solution and the heat kernel""; ""3. Properties of the heat kernel""; ""4. Compact manifolds"";
""Bibliography""; ""Index""; ""A""; ""B""; ""C""; ""D""; ""E""; ""F""; ""G""; ""H"";
""I""; ""J""; ""L""; ""M""; ""N""; ""O""; ""P""; ""R""; ""S""; ""T""; ""U""; ""V""
