

1. Record Nr.	UNINA9910788856103321
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 $SL_{[sub(n)]}$ Parabolics""; ""1. The hermitian norm on $SL_{[sub(n)]}$ 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 A_p-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 $J_{[sub(P,I?,e,t)]}$""; ""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 $E_{[sub(P,I?, K)]}$ and $E_{[sup(\#)]_{[sub(P,K)]}}$""</p> <p>""4. Convolution of $Tr_{[sub(I?)]}(K_{[sub(X)])}$ and the Eisenstein series""""5. The P-anticuspidal semigroup property""; ""6. The P-anticuspidal</p>

operator $J_{(P, I^?I^?p)}$ 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"
