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| Autore                  | Bopp Nicole <1947->                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Titolo                  | Local zeta functions attached to the minimal spherical series for a class of symmetric spaces // Nicole Bopp, Hubert Rubenthaler                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| Collana                 | Memoirs of the American Mathematical Society, , 0065-9266 ; ; number 821                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Disciplina              | 510 s<br>515/.56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Soggetti                | Functions, Zeta<br>Symmetric spaces<br>Electronic books.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| Nota di bibliografia    | Includes bibliographical references (pages 227-230) and index.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Nota di contenuto       | <p>""Table of Contents""; ""Introduction""; ""Chapter 1. A Class of Real Prehomogeneous Spaces""; ""1.1. A class of graded algebras""; ""1.2. Root systems""; ""1.3. Complexification""; ""1.4. Highest root in <math>\mathfrak{L}</math>""; ""1.5. The first step for the descent""; ""1.6. The descent""; ""1.7. Generic elements in <math>V[\sup(+)]</math>""; ""1.8. Structure of the regular graded algebra <math>(\mathfrak{g}, H[\sub(0)])</math>""; ""1.9. Properties of the spaces <math>E[\sub(i,j)](\rho, q)</math>""; ""1.10. Normalization of the Killing form""; ""1.11. The relative invariant <math>I[\sub(0)]</math>""; ""1.12. The case <math>k = 0</math>""; ""1.13. Properties of <math>I[\sub(0)]</math>""</p> <p>""1.14. The polynomials <math>I[\sub(j)]</math>""""Chapter 2. The Orbits of <math>G</math> in <math>V[\sup(+)]</math>""; ""2.1. Representations of <math>\mathfrak{sl}(2, \mathbb{C})</math>""; ""2.2. First reduction""; ""2.3. An involution which permutes the roots in <math>E[\sub(i,j)](+1,+1)</math>""; ""2.4. Construction of elements interchanging <math>I[\sub(i)]</math> and <math>I[\sub(j)]</math>""; ""2.5. Quadratic forms""; ""2.6. The <math>G</math>-orbits for Type III""; ""2.7. The <math>G</math>-orbits for Type II""; ""2.8. Signature of the quadratic forms <math>qx[\sub(i)], x[\sub(j)]</math>""; ""2.9. Action of <math>Z[\sub(G)](I[\sup(+)])</math> for Type I""; ""2.10. The <math>G \in ?</math> orbits for Type I""; ""2.11. The classification""</p> <p>""4.2. Two diffeomorphisms""""4.3. Isomorphisms between <math>\mathfrak{g}(1), \mathfrak{g}(a \in ? 1), V[\sup(+)](I)</math> and <math>V[\sup(-)](a \in ? 1)</math>""; ""4.4. A first normalization and</p> |

its consequence"; "4.5. A second normalization and its consequence";  
"4.6. Integral formulas on  $V[\text{sup}(+)]$  and  $V[\text{sup}(-)]$ "; "4.7. Fourier  
transform of a quadratic character"; "4.8. A relation between  $T[\text{sup}(-)]$   
 $[\text{sub}(Ff)]$  and  $T[\text{sup}(+)][\text{sub}(f)]$ "; "Chapter 5. Functional Equation of the  
Zeta Function for Type I and II"; "5.1. Definition of the local Zeta  
functions"; "5.2. Existence of a functional equation for  $(AN, V[\text{sup}$   
 $(+)]$ "  
"6.5. Explicit functional equation for  $k = 0$ "

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