

1. Record Nr.	UNINA9910480632203321
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Titolo	Quasi-ordinary power series and their zeta functions / / Enrique Artal Bartolo [and others]
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , 2005
ISBN	1-4704-0442-7
Descrizione fisica	1 online resource (98 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; number 841
Disciplina	510 s 516.3/5
Soggetti	Singularities (Mathematics) Power series Functions, Zeta Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"November 2005, volume 178, number 841 (end of volume)."
Nota di bibliografia	Includes bibliographical references (pages 83-85).
Nota di contenuto	""Contents""; ""Introduction""; ""Chapter 1. Motivic integration""; ""1. Grothendieck ring of varieties""; ""2. The arc space of a variety""; ""3. Local Denef&Loeser motivic zeta function""; ""Chapter 2. Generating functions and Newton polyhedra""; ""1. Generating functions for integer points in rational polyhedra""; ""2. Motivic zeta function and Newton polyhedra""; ""Chapter 3. Quasiaordinary power series""; ""1. Characteristic exponents""; ""2. Newton polyhedron and good coordinates""; ""3. Dual decomposition""; ""4. Newton map associated with a Newton component"" ""5. Transversal sections of a quasiaordinary power series""""Chapter 4. Denef&Loeser motivic zeta function under the Newton maps""; ""1. Vertices of the dual decomposition""; ""2. Edges of the Newton polytope""; ""3. Zeta functions along strata""; ""Chapter 5. Consequences of the main theorems""; ""1. Essential variables""; ""2. Curve case""; ""3. The topological zeta function""; ""4. A special candidate pole""; ""Chapter 6. Monodromy conjecture for quasiaordinary power series""; ""1. Monodromy conjecture for curves""; ""2. Monodromy conjecture: general case""

""3. Monodromy conjecture for the Igusa zeta function"""  
Bibliography""

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