1.	Record Nr.	UNINA9910817241303321
	Autore	Beresnevich Victor <1971->
	Titolo	Measure theoretic laws for lim sup sets / / Victor Beresnevich, Detta Dickinson, Sanju Velani
	Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [2006] ©2006
	ISBN	1-4704-0447-8
	Descrizione fisica	1 online resource (110 p.)
	Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; number 846
	Disciplina	510 s 512.7/3
	Soggetti	Diophantine approximation Probabilities Hausdorff measures Fractals
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	"Volume 179, number 846 (end of volume)."
	Nota di bibliografia	Includes bibliographical references (pages 89-91).
	Nota di contenuto	""Contents""; ""Section 1. Introduction""; ""A1.1. Background: the basic example""; ""A1.2. The general setup and fundamental problems""; ""Section 2. Ubiquity and conditions on the general setup""; ""A2.1. Upper and lower sequences and the sets J[sup(u)][sub(1)](n)""; ""A2.2. The conditions on the measure and the space""; ""A2.3. The intersection conditions""; ""A2.4. The ubiquitous systems""; ""A2.5. A remark on related systems""; ""Section 3. The statements of t h e main theorems""; ""Section 4. Remarks and corollaries t o Theorem 1"" ""A11.2. Completion of the proof""""Section 12. Applications""; ""A12.1. Linear Forms""; ""A12.2. Algebraic Numbers""; ""A12.3. Kleinian Groups""; ""A12.4. Rational Maps""; ""A12.5. Diophantine approximation with restrictions""; ""A12.6. Diophantine approximation in Q[sub(p)]""; ""A12.7. Diophantine approximation on manifolds""; ""A12.8. Sets of exact order""; ""Bibliography""