

1.	Record Nr.	UNINA9910891443003321
	Titolo	Zpravy Kommissie pro Prirodovedecke Prozkoumani Moravy, Oddeleni Botanické
	Pubbl/distr/stampa	Brno, 1907-1910
	Descrizione fisica	Online-Ressource
	Disciplina	580 500
	Soggetti	Zeitschrift
	Lingua di pubblicazione	Ceco
	Formato	Materiale a stampa
	Livello bibliografico	Periodico
2.	Record Nr.	UNINA9910882893703321
	Autore	Chen Huayi
	Titolo	Positivity in Arakelov Geometry over Adelic Curves : Hilbert-Samuel Formula and Equidistribution Theorem / / by Huayi Chen, Atsushi Moriwaki
	Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Birkhäuser, , 2024
	ISBN	3-031-61668-5
	Edizione	[1st ed. 2024.]
	Descrizione fisica	1 online resource (248 pages)
	Collana	Progress in Mathematics, , 2296-505X ; ; 355
	Disciplina	516.35
	Soggetti	Geometry, Algebraic Number theory Algebraic Geometry Number Theory Teoria d'Arakelov Geometria algebrica aritmètica Llibres electrònics
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia

Nota di contenuto

Introduction -- Review and Preliminaries -- Normed Graded Linear Series over a Trivially Valued Field -- Arithmetic Volumes over a General Adelic Curve -- Hilbert-Samuel Property -- Relative Ampleness and Nefness -- Global Adelic Space of an Arithmetic Variety -- Generically Big and Pseudo-effective Adelic Line Bundles -- Global Positivity Conditions -- Appendix A: Some Slope Estimates.

Sommario/riassunto

This monograph presents new research on Arakelov geometry over adelic curves, a novel theory of arithmetic geometry developed by the authors. It explores positivity conditions and establishes the Hilbert-Samuel formula and the equidistribution theorem in the context of adelic curves. Connections with several classical topics in Arakelov geometry and Diophantine geometry are highlighted, such as the arithmetic Hilbert-Samuel formula, positivity of line bundles, equidistribution of small subvarieties, and theorems resembling the Bogomolov conjecture. Detailed proofs and explanations are provided to ensure the text is accessible to both graduate students and experienced researchers.
