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Autore	Katz Nicholas M. <1943->
Titolo	Twisted L-functions and monodromy [[electronic resource] /] / by Nicholas M. Katz
Pubbl/distr/stampa	Princeton, : Princeton University Press, 2002
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Edizione	[Core Textbook]
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Collana	Annals of mathematics studies ; ; no. 150
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Disciplina	512/.74
Soggetti	L-functions Monodromy groups
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. [235]-239) and index.
Nota di contenuto	pt. 1. Background material -- pt. 2. Twist sheaves, over an algebraically closed field -- pt. 3. Twist sheaves, over a finite field -- pt. 4. Twist sheaves over schemes of finite type over \mathbb{Z} .
Sommario/riassunto	For hundreds of years, the study of elliptic curves has played a central role in mathematics. The past century in particular has seen huge progress in this study, from Mordell's theorem in 1922 to the work of Wiles and Taylor-Wiles in 1994. Nonetheless, there remain many fundamental questions where we do not even know what sort of answers to expect. This book explores two of them: What is the average rank of elliptic curves, and how does the rank vary in various kinds of families of elliptic curves? Nicholas Katz answers these questions for families of "big" twists of elliptic curves in the function field case (with a growing constant field). The monodromy-theoretic methods he develops turn out to apply, still in the function field case, equally well to families of big twists of objects of all sorts, not just to elliptic curves. The leisurely, lucid introduction gives the reader a clear picture of what is known and what is unknown at present, and situates the problems solved in this book within the broader context of the overall study of elliptic curves. The book's technical core makes use of, and explains, various advanced topics ranging from recent results in

finite group theory to the machinery of l-adic cohomology and monodromy. Twisted L-Functions and Monodromy is essential reading for anyone interested in number theory and algebraic geometry.

2. Record Nr.

Autore

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Titolo

Nissen Sylvia

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Student Debt and Political Participation // by Sylvia Nissen

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Descrizione fisica

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Collana

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Soggetti

Comparative government
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Nota di contenuto

1. Debt and democracy -- 2. Student loans: An awkward subject -- 3. Inequality and participation -- 4. Precautionary politics -- 5. Rethinking debt for students as citizens.

Sommario/riassunto

This book examines how student debt informs the political action and participation of university students. The scale of student debt is unprecedented, particularly in the English-speaking world. In these democracies, debt has become an increasingly integral part of student life for many young people to enable participation in education and the wider economy. Using New Zealand as a case study, the author challenges existent assumptions about student attitudes towards loans

by analysing how students speak about the impact of debt on themselves and their peers, including politically. Listening to these perspectives will provide a more nuanced insight into the underlying tensions and challenges of participating politically in a context of rising debt. Sylvia Nissen is Postdoctoral Fellow in the Department of Political Science and International Relations at the University of Canterbury, New Zealand. Her research focuses on young people, politics and democracy in a context of environmental change. She has published a chapter in an international volume, *Student Politics and Protest* (2017, edited by Rachel Brooks), and contributed to the *Journal of Urgent Writing* (2017, forthcoming) and *New Zealand Sociology* (2016).
