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Titolo	Introduction to Stokes Structures [[electronic resource] /] / by Claude Sabbah
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Disciplina	516.35
Soggetti	Algebraic geometry Differential equations Approximation theory Sequences (Mathematics) Functions of complex variables Partial differential equations Algebraic Geometry Ordinary Differential Equations Approximations and Expansions Sequences, Series, Summability Several Complex Variables and Analytic Spaces Partial Differential Equations
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Nota di contenuto	; 1. T-filtrations -- ; 2. Stokes-filtered local systems in dimension one -- ; 3. Abelianity and strictness -- ; 4. Stokes-perverse sheaves on Riemann surfaces -- ; 5. The Riemann-Hilbert correspondence for holonomic D-modules on curves -- ; 6. Applications of the Riemann-Hilbert correspondence to holonomic distributions -- ; 7. Riemann-Hilbert and Laplace on the affine line (the regular case) -- ; 8. Real blow-up spaces and moderate de Rham complexes -- ; 9. Stokes-filtered local systems along a divisor with normal crossings -- ; 10. The Riemann-Hilbert correspondence for good meromorphic connections (case of a smooth divisor) -- ; 11. Good meromorphic connections

(formal theory) -- ; 12. Good meromorphic connections (analytic theory) and the Riemann-Hilbert correspondence -- ; 13. Push-forward of Stokes-filtered local systems -- ; 14. Irregular nearby cycles -- ; 15. Nearby cycles of Stokes-filtered local systems.

Sommario/riassunto

This research monograph provides a geometric description of holonomic differential systems in one or more variables. Stokes matrices form the extended monodromy data for a linear differential equation of one complex variable near an irregular singular point. The present volume presents the approach in terms of Stokes filtrations. For linear differential equations on a Riemann surface, it also develops the related notion of a Stokes-perverse sheaf. This point of view is generalized to holonomic systems of linear differential equations in the complex domain, and a general Riemann-Hilbert correspondence is proved for vector bundles with meromorphic connections on a complex manifold. Applications to the distributions solutions to such systems are also discussed, and various operations on Stokes-filtered local systems are analyzed.

2. Record Nr.

Titolo

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Liver transplantation : clinical assessment and management / / edited by James Neuberger, James Ferguson, Philip N. Newsome, Michael Ronan Lucey

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Soggetti

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Sommario/riassunto

"Welcome to the second edition of Liver Transplantation. Since the first edition, there have been many changes in the management of patients with liver disease, both before and after transplantation and this new edition reflects this. As with the first edition, the aim of the volume is to provide a concise, practical and authoritative guide for junior medical staff and other health professionals working in liver transplant units, for health care professionals looking after those patients with liver disease who are or may become liver transplant candidates and those following liver transplantation. We have expanded both the number and reach of authors, with consequent increase in chapters. We have sought to represent the breadth of liver transplant medicine across Europe and North America, while recognizing also the role of liver transplantation in the rest of the world. We appreciate that this means some duplication and occasional divergence of views. We have intentionally retained these so that each chapter is entire of itself and the reader understands where there is uncertainty. We are very grateful to the authors who have written and revised their contributions during the height of the Covid pandemic. We are grateful to those at Wiley Blackwell, especially Jennifer Seward and Pri Gibbons, for the help and patience and, most importantly to our partners and children who have been patient with us during the preparation of this second edition"--
