Isomonodromic Deformations and Frobenius Manifolds: An Introduction (Universitext)

By Claude Sabbah
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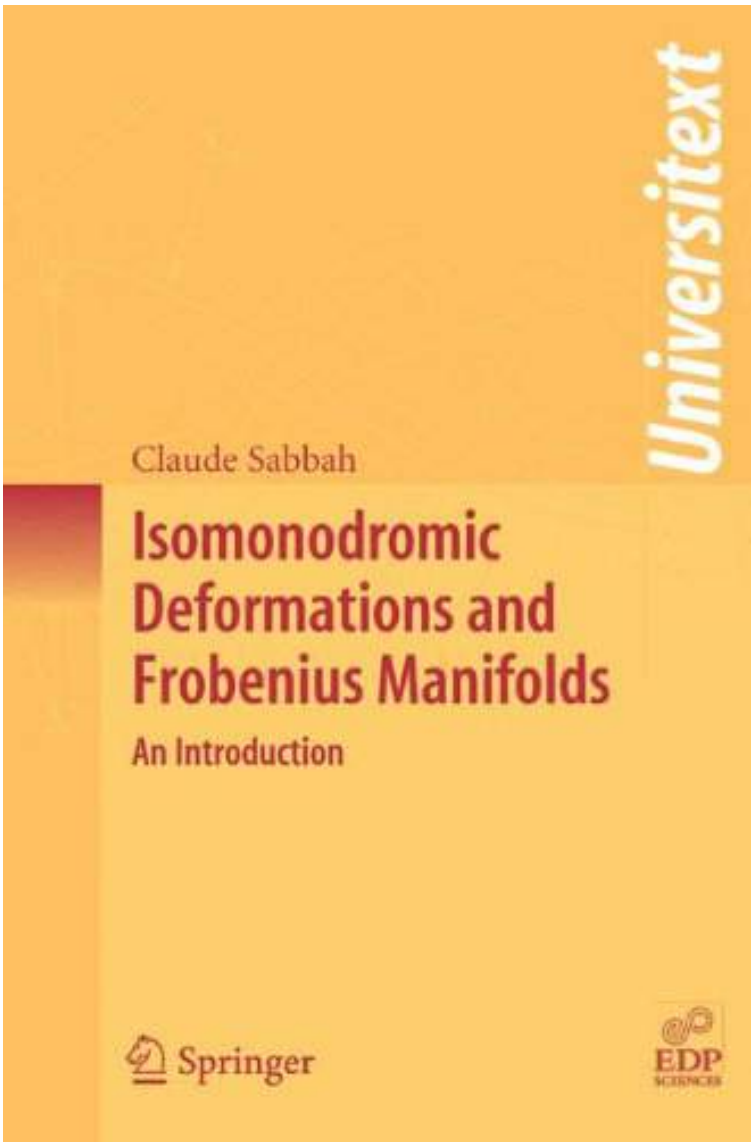

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By Claude Sabbah : Isomonodromic Deformations and Frobenius Manifolds: An Introduction (Universitext)

Isomonodromic Deformations and Frobenius Manifolds: An Introduction (Universitext):

Based on a series of graduate lectures this book provides an introduction to algebraic geometric methods in the theory of complex linear differential equations Starting from basic notions in complex algebraic geometry it develops some of the classical problems of linear differential equations It ends with applications to recent research questions related to mirror symmetry The fundamental tool used is that of a vector bundle with connection The book includes com From the Back Cover The notion of a Frobenius structure on a complex analytic manifold appeared at the end of the seventies in the theory of singularities of holomorphic functions Motivated by physical considerations further development of the theory has open

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