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Titolo	Factorizable Sheaves and Quantum Groups // by Roman Bezrukavnikov, Michael Finkelberg, Vadim Schechtman
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ISBN	3-540-69231-2
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Descrizione fisica	1 online resource (X, 290 p.)
Collana	Lecture Notes in Mathematics, , 1617-9692 ; ; 1691
Classificazione	81R50 17B37
Disciplina	512.55
Soggetti	Geometry, Algebraic Geometry, Differential Topology Nonassociative rings Algebraic topology Quantum theory Algebraic Geometry Differential Geometry Non-associative Rings and Algebras Algebraic Topology Quantum Physics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Acknowledgement -- Overview -- Intersection cohomology of real arrangements -- Configuration spaces and quantum groups -- Tensor categories arising from configuration spaces -- Localization on ?1 -- Modular structure on the category .
Sommario/riassunto	The book is devoted to the geometrical construction of the representations of Lusztig's small quantum groups at roots of unity. These representations are realized as some spaces of vanishing cycles of perverse sheaves over configuration spaces. As an application, the bundles of conformal blocks over the moduli spaces of curves are studied. The book is intended for specialists in group representations

and algebraic geometry.
