cases	doc_1		doc_2		decision	id
	authors	• Christoph Schweigert • JÃ¼rgen Fuchs	**authors**	• J. Fuchs • C. Schweigert	DUPLICATES	1000
	title	D-Brane Conformal Field Theory and Bundles of Conformal Blocks	**title**	D-brane conformal field theory and bundles of conformal blocks		
	publication_date	2001-01-01 00:00:00	**publication_date**	2000-04-06 00:00:00		
	source	SupportedSources.INTERNET_ARCHIVE	**source**	SupportedSources.INTERNET_ARCHIVE		
	journal	BirkhÃ¤user Basel	**journal**			
	volume		**volume**			
	doi	10.1007/978-3-0348-8266-8_42	**doi**			
	urls	• https://web.archive.org/web/20170809124847/https://www.math.uni-bielefeld.de/~rehmann/ECM/cdrom/3ecm/pdfs/pant3/schige.pdf	**urls**	• https://archive.org/download/arxiv-math0004034/math0004034.pdf		
	id	id3428028989276318825	**id**	id-5877042605927752636		
	abstract	Conformal blocks form a system of vector bundles over the moduli space of complex curves with marked points. We discuss various aspects of these bundles. In particular, we present conjectures about the dimensions of sub-bundles. They imply a Verlinde formula for non-simple connected groups like P GL(n, C). We then explain how conformal blocks enter in the construction of conformal field theories on surfaces with boundaries. Such surfaces naturally appear in the conformal field theory description of string propagation in the background of a D-brane. In this context, the sub-bundle structure of the conformal blocks controls the structure of symmetry breaking boundary conditions.	**abstract**	Conformal blocks form a system of vector bundles over the moduli space of complex curves with marked points. We discuss various aspects of these bundles. In particular, we present conjectures about the dimensions of sub-bundles. They imply a Verlinde formula for non-simply connected groups like PGL(n,C). We then explain how conformal blocks enter in the construction of conformal field theories on surfaces with boundaries. Such surfaces naturally appear in the conformal field theory description of string propagation in the background of a D-brane. In this context, the sub-bundle structure of the conformal blocks controls the structure of symmetry breaking boundary conditions.		
	versions		**versions**			