cases		doc_1		doc_2	decision	id
	authors	- JUBIN, B. - KOTOV, A. - PONCIN, N. - SALNIKOV, V.	authors	- Benoit Jubin - Alexei Kotov - Norbert Poncin - Vladimir Salnikov	DUPLICATES	459
	title	DIFFERENTIAL GRADED LIE GROUPS AND THEIR DIFFERENTIAL GRADED LIE ALGEBRAS	title	Differential graded Lie groups and their differential graded Lie algebras		
	publication_date	2022-01-22 00:00:00	publication_date	2019-06-23 19:08:53+00:00		
	source	SupportedSources.CROSSREF	source	SupportedSources.ARXIV		
	journal		journal	None		
	volume		volume			
	doi	10.1007/s00031-021-09666-9	doi			
	urls	- https://link.springer.com/content/pdf/10.1007/s00031-021-09666-9.pdf - https://link.springer.com/article/10.1007/s00031-021-09666-9/fulltext.html - https://link.springer.com/content/pdf/10.1007/s00031-021-09666-9.pdf - http://dx.doi.org/10.1007/s00031-021-09666-9	urls	- http://arxiv.org/pdf/1906.09630v1 - http://arxiv.org/abs/1906.09630v1 - http://arxiv.org/pdf/1906.09630v1		
	id	id-5539943739944174607	id	id-713082263478404047		
	abstract		abstract	In this paper we discuss the question of integrating differential graded Lie algebras (DGLA) to differential graded Lie groups (DGLG). We first recall the classical problem of integration in the context, and present the construction for (non-graded) differential Lie algebras. Then, we define the category of differential graded Lie groups and study its properties. We show how to associate a differential graded Lie algebra to every differential graded Lie group and vice-versa. For the DGLA $\to$ DGLG direction, the main ``tools'' are graded Hopf algebras and Harish-Chandra pairs (HCP) -- we define the category of graded and differential graded HCPs and explain how those are related to the desired construction. We describe some near at hand examples and mention possible generalizations.		
	versions		versions			