	doc_1		doc_2		decision	id
cases	authors	• Gordina, M.	authors	• Maria Gordina	NOT DUPLICATES	900
	title	Hilbertâ€“Schmidt groups as infinite-dimensional Lie groups and their Riemannian geometry	title	Hilbert-Schmidt groups as infinite-dimensional Lie groups and their Riemannian geometry		
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	doi	10.1016/j.jfa.2005.05.011	doi			
	urls	• https://api.elsevier.com/content/article/PII:S0022123605002156?httpAccept=text/xml • https://api.elsevier.com/content/article/PII:S0022123605002156?httpAccept=text/plain • http://dx.doi.org/10.1016/j.jfa.2005.05.011	urls	• http://arxiv.org/pdf/math/0506276v1 • http://arxiv.org/abs/math/0506276v1 • http://arxiv.org/pdf/math/0506276v1		
	id	id8140033048131989130	id	id3495594671847947199		
	abstract		abstract	We describe the exponential map from an infinite-dimensional Lie algebra to an infinite-dimensional group of operators on a Hilbert space. Notions of differential geometry are introduced for these groups. In particular, the Ricci curvature, which is understood as the limit of the Ricci curvature of finite-dimensional groups, is calculated. We show that for some of these groups the Ricci curvature is $-\infty$.		
	versions		versions			