cases	doc_1		doc_2		decision	id
	authors	• Sofiane BOUARROUDJ • Hichem GARGOUBI	**authors**	• S. Bouarroudj • H. Gargoubi	DUPLICATES	965
	title	Projectively Invariant Cocycles of Holomorphic Vector Fields on an Open Riemann Surface	**title**	Projectively Invariant Cocycles of Holomorphic Vector Fields on an Open Riemann Surface		
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	urls	• https://web.archive.org/web/20220120001450/https://projecteuclid.org/journals/tokyo-journal-of-mathematics/volume-25/issue-1/Projectively-Invariant-Cocycles-of-Holomorphic-Vector-Fields-on/10.3836/tjm/1244208934.pdf	**urls**	• http://arxiv.org/pdf/math/0101057v1 • http://arxiv.org/abs/math/0101057v1 • http://arxiv.org/pdf/math/0101057v1		
	id	id-1725920604772910688	**id**	id-4170610360940462033		
	abstract	Let Î£ be an open Riemann surface and Hol(Î£) be the Lie algebra of holomorphic vector fields on Î£. We fix a projective structure (i.e. a local SL 2 (C)-structure) on Î£. We calculate the first group of cohomology of Hol(Î£) with coefficients in the space of linear holomorphic operators acting on tensor densities, vanishing on the Lie algebra sl 2 (C). The result is independent on the choice of the projective structure. We give explicit formulas of 1-cocycles generating this cohomology group.	**abstract**	Let Σ be an open Riemann surface and $Hol (\Sigma)$ be the Lie algebra of holomorphic vector fields on $\Sigma.$ We fix a projective structure (i.e. a local $SL_2(C)-$structure) on $\Sigma.$ We calculate the first group of cohomology of $Hol(\Sigma)$ with coefficients in the space of linear holomorphic operators acting on tensor densities, vanishing on the Lie algebra $SL_2 (C).$ The result is independant on the choice of the projective structure. We give explicit formulae of 1-cocycles generating this cohomology group.		
	versions		**versions**			