

cases	doc_1		doc_2		decision	id
	authors	<ul style="list-style-type: none"><li>Qingsong Wang</li><li>Bo Yang</li><li>Fangyang Zheng</li></ul>	authors	<ul style="list-style-type: none"><li>Wang, Qingsong</li><li>Yang, Bo</li><li>Zheng, Fangyang</li></ul>	DUPLICATES	655
	title	On Bismut Flat Manifolds	title	On Bismut Flat Manifolds		
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	urls	<ul style="list-style-type: none"><li>https://web.archive.org/web/20200905204208/https://arxiv.org/pdf/1603.07058v3.pdf</li></ul>	urls	<ul style="list-style-type: none"><li>http://arxiv.org/abs/1603.07058</li></ul>		
	id	id-2823378230192337456	id	id-3322137028450962800		
	abstract	In this paper, we give a classification of all compact Hermitian manifolds with flat Bismut connection. We show that the torsion tensor of such a manifold must be parallel, thus the universal cover of such a manifold is a Lie group equipped with a bi-invariant metric and a compatible left invariant complex structure. In particular, isosceles Hopf surfaces are the only Bismut flat compact non-K\"ahler surfaces, while central Calabi-Eckmann threefolds are the only simply-connected compact Bismut flat threefolds.	abstract	In this paper, we give a classification of all compact Hermitian manifolds with flat Bismut connection. We show that the torsion tensor of such a manifold must be parallel, thus the universal cover of such a manifold is a Lie group equipped with a bi-invariant metric and a compatible left invariant complex structure. In particular, isosceles Hopf surfaces are the only Bismut flat compact non-K\"ahler surfaces, while central Calabi-Eckmann threefolds are the only simply-connected compact Bismut flat threefolds.Comment: In this 3rd version, we add a lemma on Hermitian surfaces with flat Riemannian connection. References are updated and typos correcte		
	versions		versions			