Cornell University Library

We gratefully acknowledge support from
the Simons Foundation
and member institutions

arXiv.org > math > arXiv:1107.2144

Search or Article-id

(Help | Advanced search)

All papers | Go!

Mathematics > Differential Geometry

The Kähler-Ricci flow on projective bundles

Jian Song, Gábor Székelyhidi, Ben Weinkove

(Submitted on 11 Jul 2011)

We study the behaviour of the K\"ahler-Ricci flow on projective bundles. We show that if the initial metric is in a suitable K\"ahler class, then the fibers collapse in finite time and the metrics converge subsequentially in the Gromov-Hausdorff sense to a metric on the base.

Comments:	11 pages
Subjects:	**Differential Geometry (math.DG)**
Cite as:	**arXiv:1107.2144** [math.DG]
	(or **arXiv:1107.2144v1** [math.DG] for this version)

Submission history

From: Ben Weinkove [view email]
[v1] Mon, 11 Jul 2011 20:49:45 GMT (12kb)

Which authors of this paper are endorsers?

Link back to: arXiv, form interface, contact.