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Geodesics in the space of Kähler cone metrics

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(Submitted on 30 Apr 2012 (v1), last revised 5 Aug 2012 (this version, v2))

In this paper, we prove the existence and uniqueness of the weak cone geodesics in the space of K\"ahler cone metrics by solving the singular, homogeneous complex Monge-Amp\`{e}re equation. As an application, we prove the metric space structure of the appropriate subspace of the space of K\"ahler cone metrics.

Comments:	59 pages
Subjects:	**Analysis of PDEs (math.AP)**; Differential Geometry (math.DG)
Cite as:	**arXiv:1205.0056** [math.AP]
	(or **arXiv:1205.0056v2** [math.AP] for this version)

Submission history

From: Kai Zheng [view email]
[v1] Mon, 30 Apr 2012 23:49:21 GMT (54kb)
[v2] Sun, 5 Aug 2012 18:37:23 GMT (55kb)

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