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Mathematics > Complex Variables

Stein neighborhoods of graphs of holomorphic mappings

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(Submitted on 25 Jul 2011)

In this paper we provide sufficient conditions for the graphs of holomorphic mappings on compact sets in complex manifolds to have Stein neighborhoods. We show that under these conditions the mappings have properties analogous to properties of holomorphic functions on compact sets in $\mathbb C^n$.

Subjects:	**Complex Variables (math.CV)**
MSC classes:	32Q28, 32H02, 32E30
Cite as:	**arXiv:1107.5034** [math.CV]
	(or **arXiv:1107.5034v1** [math.CV] for this version)

Submission history

From: Evgeny Poletsky [view email]

[v1] Mon, 25 Jul 2011 19:56:57 GMT (12kb)

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