

Cornell University Library We gratefully acknowledge support from the Simons Foundation and member institutions

(Help | Advanced search)

Search or Article-id

arXiv.org > math-ph > arXiv:1106.3011

Mathematical Physics

A short introduction to local fractional complex analysis

Xiao-Jun Yang

(Submitted on 15 Jun 2011 (v1), last revised 23 Jun 2011 (this version, v3))

This paper presents a short introduction to local fractional complex analysis. The generalized local fractional complex integral formulas, Yang-Taylor series and local fractional Laurent's series of complex functions in complex fractal space, and generalized residue theorems are investigated.

Comments:	18 pages: comment: modify references and abstract
Subjects:	Mathematical Physics (math-ph) ; Complex Variables (math.CV)
MSC classes:	28A80, 30C99, 30B99
Cite as:	arXiv:1106.3011 [math-ph]
	(or arXiv:1106.3011v3 [math-ph] for this version)

Submission history

From: Xiaojun Yang [view email]
[v1] Wed, 15 Jun 2011 16:00:35 GMT (136kb)
[v2] Sat, 18 Jun 2011 05:54:30 GMT (140kb)
[v3] Thu, 23 Jun 2011 01:42:14 GMT (140kb)

Which authors of this paper are endorsers?

Link back to: arXiv, form interface, contact.

