arXiv.org > math > arXiv:1107.3951

Search or Article-id

(Help | Advanced search)

All papers





## Mathematics > Functional Analysis

## **Quasihomogeneous Toeplitz** operators on the harmonic Bergman space

Issam Louhichi, Lova Zakariasy

(Submitted on 20 Jul 2011 (v1), last revised 5 Aug 2011 (this version, v2))

In this paper we study the product of Toeplitz operators on the harmonic Bergman space of the unit disk of the complex plane C. Mainly, we discuss when the product of two quasihomogeneous Toeplitz operators is also a Toeplitz operator, and when such operators commute.

Functional Analysis (math.FA); Operator Algebras Subjects:

(math.OA)

MSC classes: Primary 47B35, Secondary 47B38

Cite as: arXiv:1107.3951 [math.FA]

(or arXiv:1107.3951v2 [math.FA] for this version)

## **Submission history**

From: Issam Louhichi [view email] [v1] Wed, 20 Jul 2011 12:13:34 GMT (7kb)

[v2] Fri, 5 Aug 2011 12:03:49 GMT (9kb)

Which authors of this paper are endorsers?

Link back to: arXiv, form interface, contact.

## **Download:**

- PDF
- **PostScript**
- Other formats

Current browse context:

math.FA

< prev | next > new | recent | 1107

Change to browse by:

math math.OA

References & Citations

NASA ADS

Bookmark(what is this?)









