



Mathematics > Functional Analysis

# On the $\text{OUMD}$ property for the column Hilbert space $C$

Yanqi Qiu

(Submitted on 25 Jul 2011 (v1), last revised 5 Jan 2013 (this version, v6))

The operator space  $\text{OUMD}$  property was introduced by Pisier in the context of vector-valued noncommutative  $L_p$ -spaces. It is an open problem whether the column Hilbert space has this property. Based on some complex interpolation techniques, we are able to relate this problem to the study of the  $\text{OUMD}_q$  property for non-commutative  $L_p$ -spaces.

Comments: Last version for publication

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

Cite as: **arXiv:1107.4941 [math.FA]**  
(or **arXiv:1107.4941v6 [math.FA]** for this version)

## Submission history

From: Yanqi Qiu [[view email](#)]

[v1] Mon, 25 Jul 2011 13:18:48 GMT (8kb,B)

[v2] Mon, 1 Aug 2011 02:48:53 GMT (9kb,B)

[v3] Wed, 3 Aug 2011 05:25:51 GMT (8kb)

[v4] Wed, 5 Oct 2011 05:36:12 GMT (12kb)

[v5] Mon, 19 Nov 2012 12:04:31 GMT (10kb)

[v6] Sat, 5 Jan 2013 15:10:19 GMT (11kb)

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