



Volume 10, Issue 2, Article 46

On the Cohen p -Nuclear Sublinear Operators

Authors: [Achour Dahmane](#), [Mezrag Lahcène](#), [Saadi Khalil](#),

Keywords: Banach lattice, Cohen p -nuclear operators, Pietsch's domination theorem, Strongly p -summing operators, Sublinear operators.

Date Received: 29/01/09

Date Accepted: 22/03/09

Subject Codes: 46B42, 46B40, 47B46, 47B65.

Editors: [Constantin P. Niculescu](#),

Abstract: Let $SB(X, Y)$ be the set of all bounded sublinear operators from a Banach space X into a complete Banach lattice Y . In the present paper, we will introduce to this category the concept of Cohen p -nuclear operators. We give an analogue to "Pietsch's domination theorem" and we study some properties concerning this notion.



[Download Screen PDF](#)



[Download Print PDF](#)



[Send this article to a friend](#)



[Print this page](#)

search

[\[advanced search\]](#)

copyright 2003

[terms and conditions](#)

[login](#)