



Volume 6, Issue 3, Article 79

On an ϵ -Birkhoff Orthogonality

Authors: [Jacek Chmielinski](#),
Keywords: Birkhoff (Birkhoff-James) orthogonality,
Approximate orthogonality, Semi-inner-products.
Date Received: 18/02/05
Date Accepted: 28/07/05
Subject Codes: 46B20, 46C50
Editors: [Sever S. Dragomir](#),

Abstract: We define an approximate Birkhoff orthogonality relation in a normed space. We compare it with the one given by S.S. Dragomir and establish some properties of it. In particular, we show that in smooth spaces it is equivalent to the approximate orthogonality stemming from the semi-inner-product.



[Download Screen PDF](#)



[Download Print PDF](#)



[Send this article to a friend](#)



[Print this page](#)

[search](#)

[\[advanced search\]](#)

[copyright 2003](#)

[terms and conditions](#)

[login](#)