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
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2-Quasi- $\bullet$ -Nuclear Maps

W. SHATANAWI  
Department of Mathematics,  
Hashemite University,  
P.O. Box 150459  
Zarqa 13115-JORDAN  
e-mail: swasfi@hu.edu.jo

 [Keywords](#)  
 [Authors](#)



[math@tubitak.gov.tr](mailto:math@tubitak.gov.tr)

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**Abstract:** In this paper we generalize the well-known result which says that the composition of quasi-nuclear maps is nuclear. More precisely, we define what we call a 2-quasi- $\bullet$ -nuclear map between normed spaces, and we prove that the composition of a 2-quasi- $\bullet$ -nuclear map with a quasi- $\bullet$ -nuclear map is a pseudo- $\bullet$ -nuclear map. Also, we prove that a quasi- $\bullet$ -nuclear map is a 2-quasi- $\bullet$ -nuclear map. For a nuclear  $G_{\text{infty}}$ -space, we prove that a linear map  $T$  between normed spaces is 2-quasi- $\bullet$ -nuclear if and only if it is quasi- $\bullet$ -nuclear

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