



Volume 7, Issue 1, Article 12

On Generalized Invariant Means and Separation Theorems

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Keywords: Separation theorem, Invariant mean.

Date Received: 10/10/05

Date Accepted: 16/11/05

Subject Codes: 39B82, 43A07.

Editors: [Kazimierz Nikodem,](#)

Abstract: We prove the existence of generalized invariant means on some functions spaces which are larger than the space of all bounded functions. Our results are applied to the study of functional inequalities.



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