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**Terje Høim\*** (thoim@fau.edu), Jupiter, FL 33458, and **D. A. Robbins**

(david.robbins@trincoll.edu), Tucson, AZ 85750. *Module bundles and module amenability.*

Let  $A$  and  $B$  be Banach algebras, with  $A$  a  $B$ -bimodule. The notion of  $B$ -module amenability for  $A$  was introduced by M. Amini in [Semigroup Forum **69** (2004), 243-254]. In this paper, we take  $X$  to be a compact Hausdorff space, and let  $\{A_x : x \in X\}$  and  $\{B_x : x \in X\}$  be collections of Banach algebras such that each  $A_x$  is  $B_x$ -module amenable. We investigate the module amenability of certain spaces of  $A_x$ -valued functions over  $X$ , when these function spaces are viewed as modules over spaces of  $B_x$ -valued functions. (Received September 01, 2019)