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Erin Griesenauer and **Paul S. Muhly*** (paul-muhly@uiowa.edu), Department of Mathematics, University of Iowa, Iowa City, IA 52242, and **Baruch Solel**. *Noncommutative Functions and Matrix Bundles*. Preliminary report.

Our objective is to show how noncommutative functions in the sense of “Foundations of Free Noncommutative Function Theory” by D. Kaliuzhnyi-Verbovetskyi and V. Vinnikov, can be studied profitably in terms of holomorphic sections of certain matrix bundles. (Received August 06, 2015)