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*Implicit/inverse function theorems for free noncommutative functions.* Preliminary report.

Free noncommutative functions are mappings of matrices to matrices which preserve matrix size and respect direct sums and similarities. We prove implicit/inverse function theorems for free noncommutative functions on the set of tensor-algebra nilpotent matrices over a module and on a domain of matrices over an operator space. (Received September 05, 2014)