

1046-15-1831

A. A. Jafarian* (ajafarian@newhaven.edu), Department of Mathematics, University of New Haven, West Haven, CT 06516. *Linear Maps Preserving Diagonalizability on the Space of Upper Triangular Matrices*. Preliminary report.

We characterize bijective linear maps on the space of all infinite upper triangular matrices preserving diagonalizability. (Received September 16, 2008)