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**Hassan Yousefi\*** (hyousefi@fullerton.edu), Fullerton, CA. *On Completely Rank Nonincreasing Multilinear Maps*. Preliminary report.

D. Larson and D. Hadwin introduced the notion of completely rank-nonincreasing (CRNI) linear maps in an attempt to characterize the linear maps on a subspace of operators on a Hilbert space that are point-strong limits of similarities or point-strong limits of skew-compressions. In this talk we extend the notion of CRNI linear maps to include the multilinear maps. We show that a bilinear map on a finite dimensional vector space on any field is CRNI if and only if it is a skew-compression bilinear map. We also characterize CRNI continuous bilinear maps defined on the set of compact operators. (Received September 12, 2017)