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Jaedeok Kim* (jkim@jsu.edu), 700 Pelham Rd. North, MCIS Dept., Jacksonville State University, Jacksonville, AL 36265, and **Robert L Moore**. *Rank Preserving Maps on CSL Algebras*.

We give a description of a weakly continuous rank preserving map on a reflexive algebra on complex Hilbert space with commutative completely distributive subspace lattice. We show that the implementation of a rank preserving map can be described by the combination of two different types of maps. We also show that a rank preserving map can be implemented by only one type if the corresponding lattice is irreducible. We present some examples of both types of rank preserving map. (Received September 21, 2006)