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**Timothy E. Goldberg\*** ([timothy.goldberg@gmail.com](mailto:timothy.goldberg@gmail.com)), Lenoir-Rhyne University, Box 7141, Hickory, NC 28601. *Singular reduction of generalized complex manifolds.*

In 2006, Lin and Tolman developed an analogue of Hamiltonian reduction of symplectic manifolds for generalized complex manifolds. In this talk, we present a result in the direction of an analogue of Sjamaar and Lerman's singular reduction of Hamiltonian symplectic manifolds in the generalized complex context. Specifically, if a compact Lie group acts on a generalized complex manifold in a Hamiltonian fashion, then the partition of the global quotient by orbit types induces a partition of the Lin-Tolman quotient into generalized complex manifolds. We will discuss the setup and describe the proof of this theorem. (Received January 17, 2011)