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N. Lovasoa Randrianarivony* (nrandria@slu.edu), Saint Louis University, and **Stephen Dilworth, Denka Kutzarova** and **Gilles Lancien**. *The transfer of property (β) of Rolewicz by a nonlinear map.*

In 1987, Rolewicz introduced a geometric property (β) of Banach spaces as an asymptotic generalization of uniform convexity. The talk will present the latest progress in the understanding of the role that this geometric property plays in the study of nonlinear maps between Banach spaces, especially uniform quotient maps. As time permits, we will go into the quantitative measurement of this property compared to other asymptotic moduli. (Received September 03, 2012)