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**Weihua Li\***, Department of Mathematics and Statistics, Kingsbury Hall, Durham, NH 03824,  
and **Don Hadwin**. *A Modified Version of Free Orbit-Dimension of von Neumann Algebras*.

Based on the notion of free orbit-dimension introduced by D. Hadwin and J. Shen, we introduce a new invariant on finite von Neumann algebras that do not necessarily act on separable Hilbert space. We show that this invariant is independent on the generating set, and we extend some results in the paper of D. Hadwin and J. Shen to von Neumann algebras that are not finitely generated. (Received August 28, 2008)