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**Zeljko Cuckovic\*** (zcuckovi@math.utoledo.edu), Department of Mathematics and Statistics, University of Toledo, 2801 W. Bancroft Street, Toledo, OH 43606, and **Yunus Zeytuncu**, University of Michigan - Dearborn, Department of Mathematics and Statistics, Dearborn, MI 48128. *Mapping properties of weighted Bergman projection operators on Reinhardt domains.*

We show that on smooth complete Reinhardt domains, weighted Bergman projection operators corresponding to exponentially decaying weights are unbounded on  $L^p$  spaces for all  $p$  different from 2. On the other hand, we show that the exponentially weighted projection operators are bounded on Sobolev spaces on the unit ball. (Joint work with Yunus Zeytuncu). (Received January 18, 2015)