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Pratibha Ghatage and **Maria Tjani***, Department of Mathematical Sciences, University of Arkansas, Fayetteville, AR 72701. *Closed range composition operators on Hilbert function spaces.*

We show that a Carleson measure satisfies the reverse Carleson condition if and only if its Berezin symbol is bounded below on the unit disk \mathbb{D} . We provide new necessary and sufficient conditions for the composition operator to have closed range on the Bergman space. The pull-back measure of area measure on \mathbb{D} plays an important role. A new proof is given in the case of the Hardy space. We provide an example of a closed range composition operator on both the Hardy and the Bergman space with a non inner symbol. (Received January 15, 2015)