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Timothy G Clos and Mehmet Çelik^{*} (mehmet.celik@tamuc.edu), Department of Mathematics, P.O. Box 3011, Commerce, TX 75429, and Sönmez Şahutoğlu. Compactness of Hankel operators with symbols continuous on the closure of pseudoconvex domains.

Let Ω be a bounded pseudoconvex domain in \mathbb{C}^2 with Lipschitz boundary or a bounded convex domain in \mathbb{C}^n and $\phi \in C(\overline{\Omega})$ such that the Hankel operator H_{ϕ} is compact on the Bergman space $A^2(\Omega)$. Then $\phi \circ f$ is holomorphic for any holomorphic $f : \mathbb{D} \to b\Omega$. (This work is a colaboration with Timothy G. Clos and Sönmez Şahutoğlu, both from University of Toledo, Ohio) (Received July 27, 2018)