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Kelly Bickel, Dept of Math, Bucknell University, Lewisburg, PA 17837, Michael Hartz, Dept. of Mathematics, Washington University, 1 Brookings Drive, St. Louis, MO 63130, and John McCarthy* (mccarthy@math.wustl.edu), Dept of Mathematics, 1 Brookings Drive, St. Louis, MO 63130. Multiplier Algebra Functional Calculus.

Let \mathcal{H} be a reproducing kernel Hilbert space on the ball in \mathbb{C}^d , for $d \geq 1$. We discuss when d-tuples of commuting operators have a $\operatorname{Mult}(\mathcal{H})$ functional calculus. For the case of the Drury-Arveson space, this was done recently by Clouâtre and Davidson.

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