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Kenneth D. Koenig*, Department of Mathematics, Ohio State University, 231 W. 18th Avenue, Columbus, OH 43210. *Comparing the Bergman and Szegő projections.*

As the orthogonal projections in L^2 onto holomorphic functions and onto boundary values of holomorphic functions, respectively, the Bergman and Szegő projections are two of the most basic operators associated to a domain in \mathbf{C}^n . The exact connection between them, however, is not well understood in general. We discuss several results that aim to clarify their relationship. (Received September 09, 2006)