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Kelly Bickel, Department of Mathematics, Bucknell University, Lewisburg, PA 17837, and **Alan A Sola*** (sola@math.su.se), Department of Mathematics, Stockholm University, 106 91 Stockholm, Sweden. *Weighted Dirichlet integrals in the bidisk*. Preliminary report.

We examine a number of equivalent expressions for Dirichlet-type norms on the bidisk, and discuss applications to membership problems for certain subclasses of functions. (Received September 12, 2016)