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**Nicola Arcozi, Pavel Mozolyako, Serguei Treil and Alexander Volberg\***  
(volberg@msu.edu), 619 Red Cedar Rd., East Lansing, MI 48103. *Hardy and Dirichlet spaces on bi-disc*. Preliminary report.

We formulate several embedding theorems for Dirichlet-Hilbert spaces of analytic functions in poly-discs. We reduce the embedding of Hardy space in the poly-disc to the description of bounded little Hankel operators. (Received August 08, 2021)