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Daniel Seco* (d.seco@warwick.ac.uk), 2 Warwick Street, Earlsdon, Coventry, CV5 6ET,
United Kingdom. *Cyclic functions in Hilbert spaces of analytic functions on the disk.*

We study forward shift cyclicity from an optimizational viewpoint introduced by Bènèteau-Condori-Liaw-Seco-Sola. First we present this optimizational viewpoint and then, we use it to characterize the cyclicity of functions holomorphic across the boundary of the unit disk in a large and natural class of reproducing kernel Hilbert spaces, which includes Dirichlet-type spaces, as done in recent work by Fricain-Mashreghi-Seco. (Received January 08, 2014)