1086-30-855 Constanze Liaw* (constanze_liaw@baylor.edu), One Bear Place #97328, Waco, TX 76798, and Catherine Beneteau, Alberto Condori, Daniel Seco and Alan Sola. Cyclicity and optimal approximants.

We study cyclic functions f in the Dirichlet space. In particular, I will present recent results concerning the optimal approximating polynomials p_n which minimize the Dirichlet norm of the quantity $p_n f - 1$. (Received September 14, 2012)