Maria Tjani* (mtjani@uark.edu), Department of Mathematical Sciences, SCEN 301, 1
University of Arkansas, Fayetteville, AR 72701. Closed-Range Composition Operators on Dirichlet type spaces. Preliminary report.

For an analytic self map of the unit disk \mathbb{D} we give new necessary and sufficient conditions for the composition operator C_{ϕ} to be closed-range on Dirichlet type spaces. (Received September 22, 2011)