1078-47-163   **Maria Tjani*** (`mtjani@uark.edu`), 301 SCEN, 1 University of Arkansas, Fayetteville, AR 72701.
Closed range composition operators on Dirichlet type spaces.

Given a holomorphic self map of the unit disk D we give necessary and sufficient conditions for the composition operator C_φ to be closed-range on holomorphic Besov spaces and more generally on Dirichlet type spaces. (Received December 07, 2011)