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Gabriela Bulancea* (gbulancea@cayey.upr.edu), University of Puerto Rico at Cayey, Department of Mathematics and Physics, 205 Avenida Antonio R. Barcelo, Cayey, PR 00736. Cyclic Behavior of Certain Operators on the Disc Algebra. Preliminary report.

We present results concerning the cyclic behavior of weighted shifts and composition operators on the disc algebra. The proofs of these results rest on the representation of the dual space of the disc algebra as a Banach space of analytic functions. (Received September 20, 2007)