



**Joseph A. Cima** (cima@email.unc.edu) Department of Mathematics, The University of North Carolina at Chapel Hill, NC 27599, USA, *On a subclass of operators on a backward invariant subspace of  $H^2$ .*

ABSTRACT. Let  $\theta$  denote an inner function on the unit disc and  $K_\theta \equiv ((\theta)H^2)^\perp$  denote the associate backward shift space. There is an interesting subspace of  $B(K_\theta)$  which is an analogue of the Toeplitz operators acting on  $H^2$  known as the Truncated Toeplitz Operators. We shall discuss some recently developed properties

of these operators.