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Isabelle Chalendar* (chalendar@math.univ-lyon1.fr), Institut Camille Jordan, Batiment
Jean Braconnier, 43 bld du 11/11/1918, 69622 Villeurbanne, France. *Truncated Toeplitz
Operators.*

According to Beurling theorem, a coinvariant subspace of $H^2 = H^2(\mathbb{D})$ is a closed subspace of H^2 of the form $H^2 \cap (\Theta H^2)^\perp$, where Θ is an inner function, that is, a holomorphic and bounded function on the open unit disc D whose radial limits are of modulus one almost everywhere on the unit circle.

Compressions of Toeplitz operators to coinvariant subspaces of H^2 are called *truncated Toeplitz operators*. We study several questions related to these operators. The first, raised by Sarason, is whether boundedness of the operator implies the existence of a bounded symbol; the second is the Reproducing Kernel Thesis. We also study sufficient conditions for the compactness. (Received August 12, 2015)