

Multiplicative Toeplitz operators and duality on Hardy spaces of Dirichlet series

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**Abstract.** We present some results, obtained in collaboration with Rodrigo Cardeccia and Matías Palumbo, concerning multiplicative Toeplitz operators on Hardy spaces of Dirichlet series  $\mathcal{H}_p$ . We show how this is related to the study of the dual spaces  $\mathcal{H}_p^*$ . We apply these results to describe dynamical properties of adjoint multiplication operators and multiplicative Toeplitz operators.