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Multiplier Algebras, big and small

In this talk we consider multiplier algebras of Banach spaces of continuous and analytic functions. In particular, conditions which guarantee that such a multiplier algebra is big (i.e. non-separable) is presented. We also discuss some situations when a Banach space of functions has no non-constant multipliers. In order to construct an example of such a space over an arbitrary separable metric space we use a generalization of a result by Mashreghi and Ransford about realization of every separable Banach space as a Banach space of analytic functions.