

Teoria dos Operadores e Aplicações

Model spaces and Toeplitz kernels

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We consider Toeplitz kernels in an H_p setting, with particular attention being paid to the case when the kernel is a model space. We study in particular the maximal functions in these Toeplitz kernels and the dependence of the kernel on the symbol. Decomposition results of Toeplitz kernels in terms of model spaces are established. This is based on joint work with Cristina Câmara and Jonathan Partington, [1].

References

- [1] CÂMARA, M. C., Malheiro, M. T., PARTINGTON, J. R., *Kernels of unbounded Toeplitz operators and factorization of symbols*, Results Math. 76, no. 1, Paper No. 10 (2021).