

Looking for the target space of a would-be Hankel operator

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Bearing complexity of Hankel operators in typical unbounded domains in mind I intend to propose an axiomatic in a sense approach to their definitions. It is somehow in spirit of V. Pták and P. Vrbová, Operators of Toeplitz and Hankel type, *Acta Math. Sci. (Szeged)* 52(1988), 117-140 though more analytical in the nature.