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Reflexivity, Factorization, and Hankel Operators

There is a natural correspondence between hyperspaces in the full space of Hankel operators (on $\mathbf{H}^2$) and $\mathbf{H}^1$ functions. We discuss which hyperspaces are reflexive in terms of the canonical factorization of these functions. Results are compared with our earlier work in the finite and "semi-infinite" settings.