Strictly Hermitian positive definite functions

Pinkus A. (Haifa, Israel)

We talk about characterizations of various classes of positive definite and Hermitian positive definite functions. In particular we are interested in when $f(< x, y >)$ is a (Hermitian) positive definite, and strictly (Hermitian) positive definite function for $x, y \in H$, where H is an arbitrary (complex) inner product space.