

Essential positivity and Toeplitz operators

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I discuss essentially positive operators on Hilbert space with focus on Toeplitz operators on Hardy, Bergman and Fock spaces. While characterizing essentially positive Toeplitz operators on the Hardy space is easy, a full description remains open in the other two spaces. For further details, see <https://arxiv.org/abs/2212.02993> or <https://doi.org/10.1090/proc/16504>. Joint work with Antti Perälä.