

CHARACTERISTIC FUNCTIONS OF LIFTINGS-II

SANTANU DEY, ROLF GOHM AND KALPESH J. HARIA

Abstract. We prove that the symbol of the characteristic function of a minimal contractive lifting is an injective map and that the converse also holds, using explicit computation and functional models. We discuss when the characteristic function of a lifting is a polynomial and present a series representation for the characteristic functions of liftings.

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