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Unitary asymptotes and quasianalyticity

Giving an analysis of intertwining pairs (involving generalized Toeplitz operators), the categorical approach of unitary asymptotes of contractions is discussed. The projection-functions connected with unitary asymptotes in the functional model are characterized. Furthermore, properties of quasianalytic C_{10} -contractions are examined in the cases when the defect index d_T is finite or the asymptotic spectral multiplicity function $d_* \leq 2$.