LIMITING REAL INTERPOLATION SPACES

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Abstract. Limiting real interpolation spaces \((A_0, A_1)_{\theta,q}\) defined for \(\theta = 0, 1\) are important in a number of questions related to function spaces (see, for example [4,3]). In this talk we will revise some recent results on the case \(\theta = 0\) which show significant changes in comparison with the classical theory of real interpolation.

Results are part of joint works with L.M. Fernández-Cabrera, T. Kühn, M. Mastylo and T. Ullrich [1,2]