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Interpolation of 2^n Banach spaces with a function parameter. (English) Zbl 0669.46036

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Peetre's K and J methods for interpolation with a function parameter are extended to the special case of 2^n Banach spaces. An application to Lorentz spaces, with mixed norms, is given.

MSC:

46M35 Abstract interpolation of topological vector spaces
46E30 Spaces of measurable functions (L^p-spaces, Orlicz spaces, Köthe function spaces, Lorentz spaces, rearrangement invariant spaces, ideal spaces, etc.)

Keywords:

Peetre's K and J methods for interpolation with a function parameter; 2^n Banach spaces; Lorentz spaces, with mixed norms