

**Stan, Ilie****On the real interpolation method for quasi-normed Abelian groups.** (English) [Zbl 0642.46061](#)  
Semin. Oper. Liniari Anal. Armonică, Univ. Timișoara 9, 15 p. (1985).

In this paper we extend the real interpolation methods  $(\theta, p, K)$  and  $(\theta, p, J)$  for quasi-normed Abelian groups to  $(f, p, K)$  and  $(f, p, J)$  methods, respectively. The theory developed is applied to interpolation of  $\ell_p^f(A)$  and  $L^p$  spaces.

**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.)
- 46A45** Sequence spaces (including Köthe sequence spaces)

**Keywords:**

real interpolation; quasi-normed Abelian groups