

Tim, Traynor

Modular functions and their Frechet-Nikodym topologies. (English) Zbl 0576.28014
Measure theory, Proc. Conf., Oberwolfach 1983, Lect. Notes Math. 1089, 171-180 (1984).

[For the entire collection see [Zbl 0539.00008](#).]

As stated in the introduction, the major portion of the article under review is a refinement and synthesis of parts of two joint papers by *I. Fleischer* and the author [Bull. Acad. Polon. Sci., Sér. Sci. Math. 28, 549-556 (1980; [Zbl 0514.28004](#)), Algebra Universalis 14, 287-291 (1982; [Zbl 0458.06004](#))]. In addition, some open questions related to the first paper are formulated.

{Reviewer's remarks: (1) The arguments are sketchy, which, together with the abundance of misprints, makes the reading of the article quite difficult. The proof of the Lemma on p. 175 is a glaring instance of this. (2) The *C. H. Brook* paper referred to by the author has appeared in Can. J. Math. 36, 577-599 (1984; [Zbl 0556.28007](#)).}

Reviewer: [Z.Lipecki](#)

MSC:

[28B10](#) Group- or semigroup-valued set functions, measures and integrals
[06B30](#) Topological lattices
[06B99](#) Lattices
[06C99](#) Modular lattices, complemented lattices

Cited in 4 Documents

Keywords:

topological group; modular function; distributive function; Fréchet- Nikodým uniformity; equimonotonely convergent