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Modular and metric multilattices. (English) Zbl 0833.06011

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Summary: A metric multilattice, which is shown to be a generalization of Birkhoff's metric lattice, is defined. A metric multilattice is modular, and a directed modular multilattice of locally finite length is metrizable.

MSC:

06B99 Lattices
06A99 Ordered sets

Cited in **3** Documents

Keywords:

[metric multilattice](#); [metric lattice](#); [modular multilattice](#)

Full Text: [EuDML](#)

References:

- [1] BENADO M.: Les ensembles partiellement ordonnés et le théorème de raffinement le Schreier II. Czechoslovak Math. J. 5(80) (1955), 308-344. · [Zbl 0068.25902](#)
- [2] BIRKHOFF G.: Lattice Theory. (3rd edition), Amer. Math. Soc, Providence, R. I., 1967. · [Zbl 0153.02501](#)

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