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Continuum nonisomorphic rational groups. (English) Zbl 1458.54027

Summary: We construct a set of power of continuum nonisomorphic connected, rational, second metrizable abelian topological groups. We also construct a nonmetrizable, connected, rational topological abelian group.

MSC:
54H11 Topological groups (topological aspects)
54F50 Topological spaces of dimension \( \leq 1 \); curves, dendrites
22B05 General properties and structure of LCA groups
54H13 Topological fields, rings, etc. (topological aspects)
54F45 Dimension theory in general topology

Keywords:
locally connected space; rational topological group; regular topological group

Full Text: Link

References:

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