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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
22A99  Topological and differentiable algebraic systems
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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