Topological Groups and Dynamics

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Message from the Guest Editor

This Special Issue aims to collect high-quality research papers concerning all research lines in topological groups and the relation to topological dynamics (that is, dynamical systems of the form (G,X), where X is a topological space and the group G acts by homeomorphisms) have a relevant role. We welcome contributions that deal with recent developments in these areas.

Topics for this Special Issue include topological groups, Lie groups and Lie algebras, discrete subgroups of Lie groups, locally compact abelian groups (LCA groups), compact groups, locally compact groups and their algebras, transformation groups and semigroups, Lie transformation groups and holomorphic transformation groups, abstract harmonic analysis, quantum groups and enveloping algebras, Kac–Moody groups and algebras, topological and differentiable algebraic systems, topological dynamics and dynamical systems over complex numbers.

Special Issue