Kitchens, Bruce
The dynamics of group automorphisms. (English) Zbl 0899.58027

The paper gives a survey of the theory of discrete-time dynamical systems where the phase space has the structure of a topological group which is preserved by the dynamics. The clear and well-organized exposition, supported by examples, makes this into a good introduction to the subject. However, recent developments are neglected (most of the bibliography is more than a decade old).

Reviewer: F.Vivaldi (London)

MSC:
37B99 Topological dynamics

Keywords:
algebraic dynamics; group automorphisms; discrete-time dynamical systems