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Advances in periodic difference equations with open problems. (English) Zbl 1318.39002

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Summary: In this paper, we review some recent results on the dynamics of semi-dynamical systems generated by the iteration of a periodic sequence of continuous maps. In particular, we state several open problems focused on the structure of periodic orbits, forcing between periodic orbits, sharing periodic orbits, folding and unfolding periodic systems, and on applications of periodic systems.

For the entire collection see [\[Zbl 1297.39001\]](#).

MSC:

[39A10](#) Additive difference equations
[39A23](#) Periodic solutions of difference equations
[37C27](#) Periodic orbits of vector fields and flows

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