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Abstract:

The crazy maps are a class of continuous maps from $\Sigma_N \times S^1$, where Σ_N is the product space of the bi-infinite sequences on N symbols and S^1 is the unit circle, into itself. Moreover, each of these maps has N orientation-preserving circle homeomorphisms associated with it. In this paper we study the set of periods in the case $N=2$ and where the associated maps are rotations.