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D. Christopher Stephens* (cstephen@mtsu.edu), 319 Kirtley Court, Murfreesboro, TN 37130, and **Thomas W. Tucker** and **Xiaoya Zha**. *Representativity of Cayley maps of some Abelian groups.*

A Cayley map is an embedded Cayley graph with the property that the clockwise rotation of generators is the same at each vertex. We ask the following general question: for which groups G and generating sets X do there exist Cayley maps with representativity at least 2? In this talk we answer the question in the case G is Abelian and $|X| = 3$. (Received August 26, 2008)