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**Leon Harkleroad\*** ([leonhark@member.ams.org](mailto:leonhark@member.ams.org)). *Mathematics in International Folk Dances.*

Many folk dances from around the world literally put into action such mathematical topics as Euler (Greco-Latin) squares, permutation groups, and topology. We will look at several dances, including ones from Austria, Scotland, and Sweden, and consider the mathematics underlying them. (Received August 27, 2007)