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Almut Burchard* (almut@math.toronto.edu), University of Toronto, Dept. of Mathematics, Bahen Center, Room 6290, 40 St. George Street, Toronto, Ontario M5S 2E4, Canada. *Perimeter under multiple Steiner symmetrizations.*

Steiner symmetrization along n linearly independent directions in transforms every compact subset of \mathbb{R}^n into a set of finite perimeter. (Joint work with Gregory R. Chambers.) (Received August 09, 2013)