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Catherine Stenson* (stenson@juniata.edu), Department of Mathematics, Brumbaugh Academic Center, Juniata College, Huntingdon, PA 16652. *Zonotopes of Line Shellings of Polytopes*. Preliminary report.

Let P be a polytope with the origin in its interior. The line shellings of P generated by lines through the origin form a zonotope. We will discuss some preliminary results about these line shelling zonotopes. (Received August 06, 2007)