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Artur Elezi* (artur.elezi@gmail.com), Department of Mathematics and Statistics, American University, 4400 Mass Ave, NW, Washington, DC 20016, and **Tony Shaska** (shaska@oakland.edu), Department of Mathematics and Statistics, 146 Library Drive, Oakland University, Rochester, MI 48309. *Reduction of Binary Forms via the Hyperbolic Centroid.*

In this paper we introduce a reduction theory of binary forms based on the hyperbolic center of mass. This reduction is different from the one introduced by Julia (1917), but seems to give similar results. (Received August 01, 2017)