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Douglas A Torrance* (dtorrance@piedmont.edu), P.O. Box 10, 1021 Central Ave, Demorest, GA 30535. *Generic forms of low Chow rank.*

The least number of products of linear forms that may be added together to obtain a given form is the Chow rank of this form. The Chow rank of a generic form corresponds to the smallest s for which the s th secant variety of the Chow variety fills the ambient space. We show that, except for certain known exceptions, this secant variety has the expected dimension for low values of s . (Received August 15, 2016)