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Izabella Laba* (ilaba@math.ubc.ca), Department of Mathematics, UBC, Vancouver, B.C. V6T 1Z2, Canada. *Incidences for algebraic surfaces.*

We obtain new estimates on the number of incidences between point sets and algebraic surfaces, and present some applications. (Joint work with J. Solymosi.) (Received February 22, 2005)