1135-05-1069     **Mohamed Omar\*** (`omar@g.hmc.edu`), 301 Platt Boulevard, Claremont, CA 91711. *Incidence Problems in Convex Geometry.*

Recently, much attention has been given to the use of algebraic techniques in understanding questions on incidence problems in convex geometry. We report on recent advances that exploit the neural ring and toric ideals. (Received September 19, 2017)