

1072-35-204

Deane Yang* (dyang@poly.edu), Six Metrotech Center, Brooklyn, NY 11201. *Questions in centro-affine geometry*. Preliminary report.

We show how questions in the centro-affine geometry of convex bodies can be generalized to non-convex hypersurfaces, leading to interesting non-elliptic Monge-Ampère equations. (Received June 28, 2011)