## 1093-35-237Ermanno Lanconelli\*, Dipartimento di Matematica, Piazza di Porta S. Donato, 5, Bologna,<br/>40126. On a Class of Fully Nonlinear PDEs from Complex Geometry.

We present the state of the art, and some new regularity and symmetry results, for a class of fully non-linear PDEs stemming from Complex Geometry. The involved equations are related to the Levi form and to the pseudoconvexity, the way the usual fully nonlinear Elliptic equations are related to the Hessian form and to the convexity. (Received August 16, 2013)