REGULARITY RESULTS FOR ELLIPTIC EQUATIONS WITH SUPERQUADRATIC GRADIENT TERMS.

ANDREA DALL'AGLIO, UNIVERSITÀ DI ROMA I "LA SAPIENZA"

I will present some regularity results (integrability, boundedness and Hoelder-continuity) for solutions of elliptic equations involving first order terms, which depend on the gradient of the solution with a quadratic or superquadratic growth.