1025-32-90 **Loredana Lanzani\***, Mathematics Department, University of Arkansas, Fayetteville, AR 72701. Cauchy-type singular integrals in several complex variables.

I will give an overview of known and new results concerning existence and  $L^p$ -boundary regularity of certain Cauchy-Fantappie' singular integrals for bounded domains in  $\mathbb{C}^n$ , under rather weak assumptions on the domain's boundary regularity. (Received January 16, 2007)