

**WEIGHTED L^p ESTIMATES FOR THE $\bar{\partial}$ -EQUATION
ON CONVEX DOMAINS OF FINITE TYPE**

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Abstract

We prove non-isotropic L^p ($1 \leq p \leq \infty$) estimates with weights for solutions of the Cauchy-Riemann equation on bounded convex domains of finite type in \mathbb{C}^n using the integral kernel method. We also give an example which guarantees the optimum of the estimates.

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