

# ESTIMATES OF BERGMAN FUNCTIONS ON NON-SMOOTH PSEUDOCONVEX DOMAINS

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**Abstract:** Using the logarithmic capacity, we give precise estimates of the Bergman kernel and the Bergman distance on various non-smooth pseudoconvex domains. In particular, we show that the Bergman kernel satisfies

$$K(z) \geq C\delta(z)^{-2}$$

for any bounded pseudoconvex domain with  $C^0$ -boundary, where  $\delta$  denotes the boundary distance.