

**WEIGHTED GENERALIZATION OF THE
RAMADANOV THEOREM AND FURTHER
CONSIDERATIONS**

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We study the limit behavior of weighted Bergman kernels on a sequence of domains in complex space \mathbb{C}^N , and show that under some conditions on domains and weights, weighted Bergman kernels converge uniformly on compact sets. Then we give a weighted generalization of Skwarczyński's theorem, highlighting some special property of the domains, on which the weighted Bergman kernels converge uniformly. Moreover, we will show that convergence of weighted Bergman kernels implies this property.