

Title: A sufficient condition for subellipticity of the $\bar{\partial}$ -Neumann operator

Abstract: We give a sufficient condition for subelliptic estimates for the $\bar{\partial}$ -Neumann operator on smoothly bounded, pseudoconvex domains in \mathbb{C}^n . This condition is a quantified version of McNeal's condition (\tilde{P}) for compactness of the $\bar{\partial}$ -Neumann operator, and it extends Catlin's sufficiency condition for subellipticity as it is less stringent.