

A SUFFICIENT CONDITION FOR GLOBAL REGULARITY OF THE $\bar{\partial}$ -NEUMANN OPERATOR

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ABSTRACT. A theory of global regularity of the $\bar{\partial}$ -Neumann operator is developed which unifies the two principal approaches to date, namely the one via compactness due to Kohn-Nirenberg and Catlin and the one via plurisubharmonic defining functions and/or vector fields that commute approximately with $\bar{\partial}$ due to Boas and the author.