

Meeting: 998, Houston, Texas, SS 10A, Special Session on Complex Analysis and Operator Theory

998-32-229

Emil J. Straube* (straube@math.tamu.edu). *Global regularity for the $\bar{\partial}$ -Neumann operator.* Preliminary report.

I will discuss an approach to global regularity of the $\bar{\partial}$ -Neumann operator that unifies the currently known ones via compactness and via vector fields with approximate commutation properties with $\bar{\partial}$. This is a preliminary report. (Received February 27, 2004)