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Siqi Fu* (sfu@rutgers.edu). *Positivity of the $\bar{\partial}$ -Neumann Laplacian*. Preliminary report.

I will discuss conditions under which the infimum of the (essential) spectrum of the $\bar{\partial}$ -Neumann Laplacian is positive for (not necessarily bounded) domains in \mathbb{C}^n . (Received January 21, 2007)