

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

998-32-325 **Fermin Acosta*** (facosta@itesm.mx), Carr. Lago de Guadalupe Km. 3.5, Atizapan, Edo. de Mex., 52926 Mexico City, Edo de Mex, Mexico. *Report: Reviewing an example of Hölder estimates for the Cauchy-Riemann equation on complex singular spaces.* Preliminary report.

The aim of this preliminary report is to find Hölder estimates for the Cauchy-Riemann equation on the singular spaces $X_m = \{(w_1, w_2, z) \in C^3; w_1 w_2 = z^m\}$, with an integer $m \geq 2$, by applying techniques developed by Fornæss and Gavosto with the variety X_2 (with our notation).

In this presentation we correct a mistake in our estimations that was showed the last joint meeting in Morelia, Mexico. (Received March 01, 2004)