

Meeting: 1000, Albuquerque, New Mexico, SS 2A, Special Session on Several Complex Variables and CR Geometry

1000-32-140 **Xiaojun Huang*** (huangx@math.rutgers.edu), Department of Mathematics, Rutgers University at New Brunswick, New Brunswick, NJ 08903. *CR Umbilic Points on Real Ellipsoids in Complex 2-Spaces*. Preliminary report.

I will report a joint work with Shanyu Ji on the existence of CR umbilic points on real ellipsoids in \mathbb{C}^2 . Notice that Webster proved several years ago that there are no umbilic points on a generic real ellipsoid in \mathbb{C}^n for $n \geq 3$. (Received August 23, 2004)