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Local Polynomial Convexity at Hyperbolic CR-singularity in $M^n \subset \mathbb{C}^n$

Let M be a smooth manifold of dimension n embedded in $\mathbb{C}^n$. If $T_p M \subset T_p \mathbb{C}^n$ is a totally real subspace for $p \in M$, then M is locally polynomially convex at p . For a generic embedding M , we are interested in assessing polynomial convexity of M at a CR-singularity, i.e., at a point $p \in M$ where $T_p M$ is not totally real. An order one CR-singularity in M can be broadly classified as elliptic and hyperbolic. It is known that elliptic points give obstruction to polynomial convexity. In the case $n = 2$, $M^2 \subset \mathbb{C}^2$ is locally polynomially convex at a hyperbolic complex point. We investigate local polynomial convexity of $M^n \subset \mathbb{C}^n$ at hyperbolic points in higher dimension.