## Erratum: Aberrant CR structures

Howard JACOBOWITZ and François TREVES

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There is an error in the paper [1]. It was asserted that the complex vector fields of equation (4.10) define a CR structure. In general, they do not. As a consequence Theorem 1 must be modified and Theorem 2 discarded.

Here is the correct version of Theorem 1. Condition (0.6) is the requirement that the Levi form has n-1 eigenvalues of one sign while the remaining eigenvalue is of the opposite sign.

**Theorem 1** Let the CR structure C on  $\Omega$  satisfy Condition (0.6). Then given any point  $p_0$  of  $\Omega$ , there is a CR structure  $\tilde{C}(p_0)$  in a neighborhood of  $p_0$ , also satisfying (0.6), agreeing with C to infinite order at  $p_0$  and such that the following is true:

The differential at  $p_0$  of every germ at  $p_0$  of a CR function (in the sense of  $\tilde{\mathcal{C}}(p_0)$ ) of class  $C^1$ , vanishes.

The existence of an aberrant system of vector fields is now an open question (except in three dimensions, see [2]).

## References

- Jacobowitz H. and Treves F., Aberrant CR structures. Hokkaido Math. J. 12 (1983), 276–292.
- Jacobowitz H. and Treves F., Nowhere solvable homogeneous partial differential equations. Bull. AMS, (New Series) 8 (1983), 467–469.

Howard JACOBOWITZ Department of Mathematical Sciences Rutgers University Camden, NJ 08102, USA E-mail: jacobowi@camden.rutgers.edu

François TREVES Department of Mathematics Rutgers University New Brunswick, NJ 08903, USA E-mail: treves.jeanfrancois@gmail.com