

**Tumanov, A. E.**

**Extension of CR functions into a wedge from a manifold of finite type.** (English. Russian original) [Zbl 0692.58005](#)

[Math. USSR, Sb. 64, No. 1, 129-140 \(1989\)](#); translation from [Mat. Sb., Nov. Ser. 136\(178\), No. 1\(5\), 128-139 \(1988\)](#).

Summary: It is shown that, if a generating manifold  $M \subset \mathbb{C}^n$  does not contain proper submanifolds of the same CR dimension as  $M$ , then all CR functions can be extended from  $M$  into some wedge with edge  $M$ . In particular, extension of all CR functions into a wedge necessarily obtains for manifolds of finite type.

**MSC:**

- [58C25](#) Differentiable maps on manifolds
- [58K99](#) Theory of singularities and catastrophe theory
- [32D15](#) Continuation of analytic objects in several complex variables
- [32A99](#) Holomorphic functions of several complex variables

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