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Analyticité partielle et suites d'unicité. (Partial analyticity and uniqueness sequences).
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C. R. Acad. Sci., Paris, Sér. I 314, No. 11, 789-792 (1992).

The author introduces two kinds of uniqueness sequences (z_k) , weak and strong, for a family of mappings $\rho = (\rho_\varepsilon)$, $\varepsilon = (\varepsilon_1, \dots, \varepsilon_n)$ being positive parameters, which describes the density of this sequence. Employing this, he generalizes the uniqueness theorem for holomorphic functions in the form that if (z_k) is a weak uniqueness sequence, $f^{(k)}(z_k) = 0$ for all k implies $f \equiv 0$. He also gives an analogy of this uniqueness theorem for hyperfunctions with compact support containing real analytic parameters t with respect to a strong uniqueness sequence (t_k) . Some open problems for the case of distributions with real analytic parameters but without restriction of support are discussed. These may be progressed in view of a recent result of *J. Boman* [C. R. Acad. Sci., Paris, Sér. I 315, 1231-1234 (1992)].

Reviewer: [A.Kaneko \(Komaba\)](#)

MSC:

[32A10](#) Holomorphic functions of several complex variables

[32A45](#) Hyperfunctions

[46F15](#) Hyperfunctions, analytic functionals

Keywords:

uniqueness theorem for holomorphic functions; uniqueness sequence; hyperfunctions; real analytic parameters