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**Remarks on uniqueness sequences and partial analyticity. (Remarques sur les suites d'unicité et l'analyticité partielle.)** (French) [Zbl 0777.32002](#)

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The author extends his results on the study of uniqueness introduced in Pac. J. Math. 150, 359-382 (1991; [Zbl 0693.32002](#)) for analytic functions or distributions with analytic parameters. A sequence  $z_k$  of  $\mathbb{C}^k$  is called a weak  $\rho$ -uniqueness sequence if it satisfies some density conditions with respect to a family of mappings  $\rho = (\rho_\varepsilon) : \mathbb{N}^n \rightarrow \mathbb{R}_+^*$ , which is here allowed to be more general than in the former work. Uniqueness results of the type:  $f^{(k)} z_k = 0$  for all  $k$  imply  $f \equiv 0$  and analogous ones concerning analytic parameters are generalized in accordance with this notion. Some open problems in relation to J. Boman's recent work are proposed.

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

**MSC:**

- [32A22](#) Nevanlinna theory; growth estimates; other inequalities of several complex variables
- [32A45](#) Hyperfunctions
- [30B40](#) Analytic continuation of functions of one complex variable
- [46F99](#) Distributions, generalized functions, distribution spaces

**Keywords:**

[unique continuation property](#); [uniqueness](#); [analytic functions](#); [distributions with analytic parameters](#)

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