

[Li, Xiao-Min](#); [Yi, Hong-Xun](#)

On uniqueness of an entire function and its derivatives. (English) [Zbl 1131.30013](#)
Arch. Math. 89, No. 3, 216-225 (2007).

Authors' summary: We study the growth of solutions of a first order linear differential equation. From this we verify that a conjecture given by Brük is true under the restriction of the hyper order less than $1/2$, and obtain some uniqueness theorems of a nonconstant entire function and its first derivative sharing a nonzero constant CM. The results in this paper also improve some known results. Some examples show that the results in this paper are best possible.

Reviewer: [Kazuya Tohge](#) ([Kanazawa](#))

MSC:

[30D35](#) Value distribution of meromorphic functions of one complex variable,
Nevanlinna theory
[30D30](#) Meromorphic functions of one complex variable (general theory)

Cited in **1** Review
Cited in **2** Documents

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[order of growth](#); [shared value](#)

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