

Yi, Hong-Xun

Meromorphic functions that share two or three values. (English) Zbl 0712.30029
Kodai Math. J. 13, No. 3, 363-372 (1990).

The author proves the following: Theorem: Let f and g be meromorphic functions such that f and g share $1, \infty$ with the same multiplicity. If

$$N\left(\gamma, \frac{1}{f}\right) + N\left(\gamma, \frac{1}{g}\right) + 2\bar{N}(\gamma, f) < (u + o(1))T(\gamma) \quad (\gamma \in I),$$

where $u < 1$, then $f = g$ or $fg = 1$. This result is an extension of earlier results of the reviewer, Osgood, Gunderson and others.

Reviewer: [Fred Gross](#)

MSC:

30D35 Value distribution of meromorphic functions of one complex variable, Nevanlinna theory

Cited in **3** Reviews
Cited in **18** Documents

Full Text: [DOI](#)

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