

Marchenko, I. I.; Nikolenko, I. G.

On values of deviations for functions meromorphic in a disk. (Russian. English summary)

[Zbl 1074.30519](#)

Dopov. Nats. Akad. Nauk Ukr., Mat. Pryr. Tekh. Nauky 2002, No. 2, 25-28 (2002).

Summary: For meromorphic functions in a circle the value $b(a, f)$ similar to one proposed by *A. Eremenko* [Complex Variables, Theory Appl. 34, No. 1-2, 83-97 (1997; [Zbl 0905.30025](#))] who considered meromorphic functions in the whole plane is introduced and studied. Exact estimates of $b(a, f)$ are obtained for functions of finite and infinite order.

MSC:

[30D30](#) Meromorphic functions of one complex variable, general theory

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

Cited in **1** Review

Keywords:

meromorphic function; finite order function; infinite order function