

A NOTE ON MY PAPER ON A RESULT OF G. D. BIRKHOFF ON LINEAR DIFFERENTIAL SYSTEMS

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The incorrectness of Birkhoff's result, with which the paper [2] is concerned, was noted already by F. R. Gantmacher in 1954 in his book *Theory of matrices* (Russian); cf. the recent English translation of the second part of this, [1, pp. 175–176]. Example C in [2] is, in fact, the analogue of Gantmacher's counter-example when $z = \infty$ is taken instead of $z = 0$ as the singular point. Gantmacher does not, however, discuss the cases in which the result is correct; cf. [2, D].

Unfortunately, the writer became aware of Gantmacher's work only when it was too late to have paper [2] withdrawn or even to have a note added to it.

REFERENCES

1. F. R. Gantmacher, *Application of the theory of matrices*, New York, 1959.
2. P. Masani, *On a result of G. D. Birkhoff on linear differential systems*, Proc. Amer. Math. Soc. vol. 10 (1959) pp. 696–698.

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