ADDENDUM TO "ANALYTIC FUNCTIONS AND JORDAN ARCS"

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Professor Royden has kindly pointed out that in the theorem of [2] E may be replaced by any compact set K of positive two-dimensional measure and that f may be taken to be quasiconformal on all of S . Indeed, one has only to choose f as the normal solution of the Beltrami equation with $\mu = \frac{1}{2}\chi_K$, where χ_K is the characteristic function of K [1, p. 97]. Rothberger's example remains of considerable interest, however, since E has measure zero. On the other hand, $f(E)$ has positive measure, so that f is not quasiconformal on S .

In conclusion, we note that the arc J may also be taken to have zero measure; this follows from an elementary linearization argument suggested by Professor Rudin.

REFERENCES

1. Lars Ahlfors, *Lectures on quasiconformal mappings*, Van Nostrand, Princeton, N. J., 1966.
2. Lawrence Zalcman, *Analytic functions and Jordan arcs*, Proc. Amer. Math. Soc. 19 (1968), 508.

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