## Werk

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Proof. The assumption $f(\mathbf{V}) \cap \gamma = \emptyset$ leads to a contradiction in virtue of the relation (14), viz.

$$T(r) = o\{T(r)\}$$

on the set $[r_0, \infty) \setminus I$.

Theorem 4.1 implies the following result:

*If an open Riemann surface* $\mathbf{V}$ *carries a finite harmonic exhaustion and* $f : \mathbf{V} \to \mathbf{M}$ *is a holomorphic mapping for which the relation* (26) *is valid, then for an arbitrary regular curve* $\gamma$ *on* $\mathbf{M}$, *the intersection*

$$f(\mathbf{V}) \cap \gamma$$

*is nonempty.*

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*Author's address:* 166 28 Praha 6, Suchbátarova 1905 (katedra matematiky VŠCHT Praha).