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P C Fenton and John F Rossi* (rossij@vt.edu). A reverse Denjoy theorem.
Suppose that $C_{1}$ and $C_{2}$ are two simple curves joining 0 to $\infty$, non-intersecting in the finite plane except at 0 and enclosing a domain $D$ which has angular measure at most $2 \alpha(0<\alpha<\pi)$ for all large $r$. Suppose also that $u$ is a nonconstant subharmonic function in the plane such that $u(z)=B(|z|, u):=\sup \{u(z):|z|=r\}$ for all large $z \in C_{1} \cup C_{2}$. Let $A_{D}(r, u)=\inf \{u(z): z \in D \cap\{|z|=r\}\}$. It is shown that if $A_{D}(r, u)=O(1)$ then $\liminf _{r \rightarrow \infty} B(r, u) / r^{\pi /(2 \alpha)}>$ 0. (Received November 20, 2008)

