## 1047-30-22 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  $\liminf_{r\to\infty} B(r, u)/r^{\pi/(2\alpha)} >$ 0. (Received November 20, 2008)