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Bloch's theorem

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Author Koro (127) Entry type Theorem Classification msc 32H02 Let f be an holomorphic function on a region containing the closure of the disk $D=\{z\in\mathbb{C}:|z|<1\}$, such that f(0)=0 and f'(0)=1. Then there is a disk $S\subset D$ such that f is injective on S and f(S) contains a disk of radius $\frac{1}{72}$.