Year: 2019 | **Vol.: 95** | **Fasc.: 3-4**

Title: Geodesics and geodesic circles in a geodesically convex surface: a sub-mixing property

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Let M be an orientable finitely connected and geodesically convex Finsler surface with genus $g \geq 1$. We prove that if all geodesics in M are reversible, then for any number $\varepsilon > 0$ and for any points $p, q \in M$, there exists a number $R > 0$ such that any geodesic circle with center p and radius t meets the ε-ball with center q for any $t > R$. Most of the proofs do not use the reversibility assumption for geodesics.

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