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Abstracts of Short Communications and Posters

Section:

8. Analysis

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$\mathcal{A}_4$, $\mathcal{A}_5$ and $\mathcal{S}_4$ of Schottky Type
Let H be a group of conformal automorphisms of a closed Riemannn surface S. Assume that H is isomorphic to either the alternating groups $\mathcal{A}_4$ or $\mathcal{A}_5$ or to the symmetric group $\mathcal{S}_4$. We provide necessary and sufficient conditions for H to have the existence of a Schottky uniformization of S for which H lifts.