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Title:	Mobius transformations and the related inequalities
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Abstract:	The aim is to study the M˜obius transformations and the various norms related to it. These norms are defined by using three parameters which are invariant under conjugation. Using these parameters we define a two generator group. We then derive analogous results when this group is an arbitrary discrete subgroup of M. Lastly, continued fractions is studied by examining action of M˜obius maps in hyperbolic space as continued fractions can be regarded as sequence of M˜obius maps.
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