

Ghamsari, Manouchehr**Quasiconformal groups acting on B^3 that are not quasiconformally conjugate to Möbius groups.** (English) [Zbl 0851.30008](#)*Ann. Acad. Sci. Fenn., Ser. A I, Math.* 20, No. 2, 245-250 (1995).

It is shown that there is a quasiconformal group acting on the unit ball of \mathbb{R}^3 which is not quasiconformally conjugate to any Möbius group. The construction is based on Tukia's idea on the rigidity of quasiconformal maps in this context [*P. Tukia*, *Ann. Acad. Sci. Fenn., Ser. A I* 6, 149-160 (1981; [Zbl 0473.30015](#))]. In the plane the situation is different (Sullivan, Tukia). For $n \geq 4$ there exist simpler constructions [*G. Martin*, *Ann. Acad. Sci. Fenn., Ser. A I* 11, 179-202 (1986; [Zbl 0635.30021](#))], [*O. Martio* and *J. Väisälä*, *Math. Ann.* 282, No. 3, 423-443 (1988; [Zbl 0632.35021](#))].

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MSC:[30C62](#) Quasiconformal mappings in the complex plane[30C65](#) Quasiconformal mappings in \mathbb{R}^n , other generalizationsCited in **2** Documents**Keywords:**

quasiconformal group

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