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## An algebraic characterisation of quasi-Möbius homeomorphisms

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### **Abstract**

Let  $G$  and  $H$  be word hyperbolic groups whose boundaries are connected. We characterise quasi-isometries between  $G$  and  $H$  in terms of isomorphisms between some functions algebras defined on their boundaries. It generalises previous works of M. Nakai, L. Lewis, and J. Lelong Ferrand, and it solves a question of P. Pansu.