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Hölder continuity of ring \mathbb{Q} -homeomorphisms with respect to p -module.

We study space ring \mathbb{Q} -homeomorphisms preserving integrally quasiinvariant the weighted p -module and provide conditions ensuring the local Hölder continuity of such mappings with respect to euclidian distances and to their logarithms. The inequality providing the continuity is sharp with respect to the order.

The talk is based on a joint work with A. Golberg.