Title: Gromov hyperbolicity of Denjoy domains through fundamental domains

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In this article we investigate the Gromov hyperbolicity of Denjoy domains equipped with their Poincaré metrics. This point of view allows us to improve some known results. We give a characterization in terms of fundamental domains of when the domains are Gromov hyperbolic. We also obtain criteria (easily applicable in practical cases) which allow us to decide when a Denjoy domain is either hyperbolic or not. Furthermore, for a special kind of domains, we can characterize its hyperbolicity in a very simple way.

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