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Title: Minimal Time Problem on Stratified Domains

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Abstract: The minimal time problem is defined on stratified domains as originally introduced by Bressan and Hong, that is, $\mathbb{R}^n$ is written as an union of embedded manifolds on $\mathbb{R}^n$. On each manifold we define a multifunction that is constant, convex, compact and 0 belongs to the interior of it. We showed some necessary and sufficient conditions for such problem and we also make a comparison between Snell's law and our necessary conditions.