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respectively. Denote by $\hat{t}_0$ the largest value of t for which the curve Γ has a simple spherical inflection in U_0. Denote by $\hat{t}_1$ the smallest value of t for which the curve Γ has a simple spherical inflection in U_1. We proved that between $\Gamma(\hat{t}_0)$ and $\Gamma(\hat{t}_1)$ there is at least one vertex of Γ of odd order. We can join Γ to γ by a homotopy γ_s such that at each $s \in [0,1)$ the curve γ_s has only simple spherical inflections. Thus each γ_s will have at least one vertex of odd order. This implies that γ will also have at least one vertex of odd order. This proves Proposition 4. □

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