

Rolle's theorem for dynamical systems in the plane

 ${\bf Canonical\ name} \quad {\bf Rolles Theorem For Dynamical Systems In The Plane}$

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Author Daume (40) Entry type Theorem Classification msc 34C08 Let ϕ be a smooth planar dynamical system and γ a continuous curve which has a tangent vector at each point (i.e. γ is differentiable). Then there is a contact point between any two points of the intersection of γ and a separating solution of ϕ . [?]

References

[KGA] Khovanskiĭ, A.G.: Fewnomials. American Mathematical Society, Providence, 1991.