Solvability for time-fractional semilinear parabolic equations with singular initial data

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Abstract

We discuss the existence and nonexistence of a local and global-in-time solution to the fractional problem \$ Ybegin{cases} Ypartial_t^{Yalpha}u=YDelta u+f(u) & xYinYOmega,Y 01\$ one has f(Yxi)-f(Yxi)=f(Yxi)+f(Yxi)=f(

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