

Large time behaviour for solutions to a class of singular parabolic equations

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Abstract: We consider a class of quasilinear parabolic equations. We study the asymptotic behaviour of the fundamental solution. We prove that the fundamental solution has the same long time behaviour of the fundamental solution of equations with constant coefficients. This result is obtained in collaboration with Ragnedda and Vernier. We need recent results about Harnack inequalities proved by DiBenedetto, Gianazza and myself.