

Asymptotic time behaviour for degenerate parabolic problems

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Abstract

We consider a class of non-autonomous, degenerate parabolic equations and we study the asymptotic behaviour of solutions. Even if the equation depends explicitly upon time, we prove that several asymptotic properties, valid for the autonomous case, are preserved in this more general situation. To our knowledge, it is the first time that the asymptotic behaviour of solutions to non-autonomous equations is studied.