

# SPATIAL BEHAVIOUR OF SOLUTIONS FOR A CLASS OF NON-LINEAR FOURTH-ORDER PARABOLIC EQUATIONS

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## ABSTRACT

In this paper we establish a spatial growth estimate for a class of non-linear fourth-order parabolic equations. Alternatively, the results may be viewed as theorems of Phragmen–Lindelöf type. We conclude the paper by extending results for a type of non-linear diffusivity term.