

## Pseudoparabolic inequalities

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### ABSTRACT.

In this paper we apply the Picard operators technique to a pseudoparabolic inequality. We establish existence and uniqueness of the solution to the corresponding Darboux problem, and derive Gronwall-type results for the solution to the pseudoparabolic inequality. We use the Riemann function to represent the solution  $x^*$  of some particular pseudoparabolic equations.

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