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THE ASYMPTOTIC FORM OF SOLUTION OF THE  
BOUNDARY VALUE PROBLEM FOR SINGULAR  
PERTURBED QUASILINEAR PARABOLIC  
DIFFERENTIAL EQUATION

**Abstract**

*In the rectangular domain the boundary value problem for second order quasilinear parabolic differential equation, containing small parameter at older derivatives has been considered. With the help of the corresponding iteration processes the asymptotic form of solution by small parameter with any accuracy is constructed and the remainder term is estimated.*