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## ON SOME QUALITATIVE PROPERTIES OF SOLUTIONS OF DEGENERATED QUASILINEAR EQUATIONS

## Abstract

In the paper questions on the existence and uniqueness of generalized solution of the Dirichlet problem for the equation of the form

$$\sum_{i=1}^{n} \frac{\partial}{\partial x_{i}} (a_{ij}(x, u, Du)) \frac{\partial u}{\partial x_{j}} = f(x) \qquad (1)$$

in weighted Sobolev's classes and some qualitative properties of the obtained solution are investigated.