

**László Simon**

*L. Eötvös Univ. Budapest, Hungary*

**Quasilinear parabolic functional equations  
with state-dependent delay**

We shall consider second order quasilinear parabolic differential equations of divergence form where also the main part contains functional dependence and state-dependent delay on the unknown function. Existence and some qualitative properties of the solutions will be shown. This problem with state-dependent delay will be treated as a particular case of parabolic functional equations which were studied by applying the theory of monotone type operators to "abstract" evolution equations.