

**On the mixed Cauchy-Dirichlet problem for equations
with fractional time derivative**

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We consider first maximal regularity results for linear equations. In order to be applicable to fully nonlinear equations, we need to work in spaces of little Hoelder continuous functions. We extend to spaces of this type a recent theorem of the author in spaces of Hoelder continuous functions. Next, we prove the existence of a unique “maximal solution” in a suitable sense for fully nonlinear equations.