1019-35-69   **Yuri Latushkin*** (`yuri@math.missouri.edu`), Department of Mathematics, University of Missouri, Columbia, MO 65211. *Quasilinear parabolic problems with fully nonlinear boundary conditions.*

We use recent maximal regularity results for linear parabolic problems to study existence and regularity as well as stable and unstable manifolds at hyperbolic equilibria for quite general quasilinear parabolic problems with fully nonlinear boundary conditions. This is a joint paper with Jan Pruss and Roland Schnaubelt (Germany). (Received August 05, 2006)