

**Giga, Yoshikazu**

**Solutions for semilinear parabolic equations in  $L^p$  and regularity of weak solutions of the Navier-Stokes system.** (English) [Zbl 0577.35058](#)

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**MSC:**

[35K55](#) Nonlinear parabolic equations  
[35A05](#) General existence and uniqueness theorems (PDE) (MSC2000)  
[35Q30](#) Navier-Stokes equations

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