

**MR1018571 (90k:35200) 35Q10 (35D05 76D05)**

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**Addendum to the paper: “Existence of weak solutions for the Navier-Stokes equations with initial data in  $L^p$ ” [Trans. Amer. Math. Soc. 318 (1990), no. 1, 179–200; MR0968416 (90k:35199)].**

*Trans. Amer. Math. Soc.* **318** (1990), no. 1, 201–207.

Summary: “We consider the existence of global weak solutions for the Navier-Stokes equations in the infinite cylinder  $\mathbf{R}^n \times \mathbf{R}_+$  with initial data in  $L^r$ ,  $n \geq 3$ ,  $1 < r < \infty$ . An embedding theorem as well as related initial value problems are also studied, thus completing results in the paper cited in the heading [see the preceding review].”

Reviewed by *Jean Leray*

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