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Erratum
Continuity Properties and Global Attractors of Generalized Semiflows and the Navier-Stokes Equations

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The proof of Proposition 7.4 in [1] needs modification. The statement after (7.17) that $V(u^{(j)})(s) \to V(u)(s)$ for a.e. $s > 0$ is not obvious, and perhaps not true. However, it still follows that u is a weak solution and then the subsequent argument can be applied without any essential change to the function

$$\tilde{V}(u)(t) := \frac{1}{2}\|u(t)\|^2 - \int_0^t (f, u(\tau))\, d\tau,$$

noting that $\tilde{V}(u^{(j)})(s) \to \tilde{V}(u)(s)$ for a.e. $s > 0$ and that $\tilde{V}(u^{(j)})(t)$ and $\tilde{V}(u)(t)$ are nonincreasing. A similar change should be made to the last paragraph of the proof of Corollary 7.5.

I am grateful to Gilles Francfort for querying this point.

References

[1] J. M. Ball. Continuity properties and attractors of generalized semiflows and the Navier-Stokes equations. *J. Nonlinear Science*, 7:475–502, 1997.