

ERRATUM on the article: Ph. Souplet, Sur l'asymptotique des solutions globales pour une équation de la chaleur semi-linéaire dans des domaines non bornés. (French)
[On the asymptotics of global solutions for a semilinear heat equation in unbounded domains]
C. R. Acad. Sci. Paris Sér. I Math. 323 (1996), no. 8, 877–882.

The (sketch of) proof of Theorem 1 should be modified as follows:

- On line 5 of page 5, the equation:

$$\|u(t_n)\|_\infty = \sup_{t \in [t_0, t_n]} \|u(t)\|_\infty = \sigma_n \geq \varepsilon."$$

should be replaced by:

$$\sigma_n := \|u(t_n)\|_\infty \geq \frac{1}{2} \sup_{t \in [t_0, t_n]} \|u(t)\|_\infty \geq \varepsilon."$$

(The first sentence in this paragraph is then clearly true for $\varepsilon := \frac{1}{4} \limsup_{t \rightarrow \infty} \|u(t)\|_\infty$ if this number is finite, and for $\varepsilon = 1$ otherwise.)

- Then, 2 lines below, $0 \leq v_n(s, y) \leq 1$ should be replaced by $0 \leq v_n(s, y) \leq 2$.