ERRATUM on the article: J.-S. Guo, C.-T. Ling, Ph. Souplet, Non-self-similar dead-core rate for the fast diffusion equation with strong absorption, *Nonlinearity* 23 (2010), 657–673.

In the proof of Proposition 4.1, the argument used at P665 L-11 and L-10, requires that W be extendable to a C^1 function up to $y = 0$ (hence Z extendable to a continuous function up to $y = 0$). To check this property, it suffices to note that, using (4.1), $V'(0) = 0$, $V' \geq 0$ and integrating by parts, we have

$$V'(y) = \int_0^y V''(s)\, ds \leq \int_0^y [\alpha s(V^\gamma)'(s) + V^q(s)]\, ds \leq y[\alpha V^\gamma(y) + V^q(y)], \qquad y > 0,$$

hence $0 \leq W'(y) = (1-q)V^{-q}V'(y) \leq (1-q)y(1 + \alpha V^{\gamma-q}(y)) \to 0, \quad y \to 0^+.$