

P. Quittner and Ph. Souplet: Superlinear parabolic problems (2nd edition 2019)

January 22, 2020

Updates of references

- [20] Monographs in Mathematics 106, Birkhäuser, Basel 2019. (But the results that we cite in Remarks 51.2 and 51.5 have not been included in the final version of that book.)
- [96] Math. Ann., to appear, doi:10.1007/s00208-019-01872-x.
- [146] Anal. PDE 12 (2019), 1773–1804.
- [150] Dyn. Partial Differ. Equ. 16 (2019), 151–183.
- [193] J. Amer. Math. Soc., to appear, doi:10.1090/jams/941. The title “On strongly anisotropic type II blow up” has been modified to “Strongly anisotropic type II blow up at an isolated point”.
- [194] Mem. AMS 260,1255 (2019).
- [198] J. Eur. Math. Soc. 22 (2019), 283–344.
- [221] J. Math. Pures Appl. 128 (2019), 339–378.
- [225] Anal. PDE 13 (2020), 215–274.
- [227] Acta Math. Sinica 35 (2019), 1027–1042.
- [229] Ann. Scuola Norm. Sup. Pisa Cl. Sci. (5), to appear, doi:10.2422/2036-2145.201811_004.
- [262] J. Math. Pures Appl., to appear, doi:10.1016/j.matpur.2019.12.006.
- [269] Adv. Nonlinear Anal. 9 (2020), 479–495.
- [273] An improvement of this preprint appeared as: K. Fellner, J. Morgan, B.-Q. Tang, Global classical solutions to quadratic systems with mass control in arbitrary dimensions, Ann. Inst. H. Poincaré Anal. Non Linéaire, in press (doi:10.1016/j.anihpc.2019.09.003). This improvement (and another recent paper of these authors) solve some of the open problems mentioned in OP 3.3, p. 658, improving in particular Theorem 33.4a (see also Remark 33.4b).
- [290] Math. Ann., to appear, doi:10.1007/s00208-019-01827-2.
- [595] Adv. Math. 355 (2019), 106763.
- [658] Proc. Amer. Math. Soc., to appear, doi:10.1090/proc/14978.
- [662] Discrete Contin. Dyn. Syst., to appear (Preprint ArXiv:1907.07873).
- [663] Nonlinear Anal. 191 (2020), 111639.
- [677] J. Math. Pures Appl. 133 (2020) 66–117.
- [773] SIAM J. Math. Anal. 51 (2019), 991–1013.
- [808] Trans. Amer. Math. Soc. 371 (2019), 5899–5972.

Errata

- p. 114, l. -1: The product $\chi_{\{R/2 < |x| < R\}} \chi_{\{R^2/2 < t - t_0 < R^2\}}$ should be replaced with χ_{D_R} , where $D_R := \{R/2 < |x| < R, 0 < t - t_0 < R^2\} \cup \{|x| < R, R^2/2 < t - t_0 < R^2\}$.
- p. 115, formula (18.4): The domains of integration in the last two integrals should be replaced with D_R (where D_R is as above).
- p. 196, the proof of Proposition 22.5 for $p = 2$: $a = A/24$.
- p. 369, l. 7: Citation [727, pp. 467–472] refers to the English translation of the book.
- p. 687: Ref. [407] is not ordered alphabetically.