

List of publications

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Preprint

- [82] V. BARUTELLO, S. TERRACINI AND G. VERZINI, Entire Parabolic Trajectories as Minimal Phase Transitions, preprint (2011), (arXiv:1105.3358)
- [81] H. TAVARES, S. TERRACINI, Sign-changing solutions of competition-diffusion elliptic systems and optimal partition problems, preprint (2011) (arXiv:1105.5564)
- [80] V. FELLI, A. FERRERO AND S. TERRACINI, *On the behavior at collisions of solutions to Schrödinger equations with many-particle and cylindrical potentials*, Quaderno del Dipartimento di matematica e applicazioni n. 11/2010 (arXiv:1004.3949)
- [79] V. FELLI, A. FERRERO AND S. TERRACINI, *A note on local asymptotics of solutions to singular elliptic equations via monotonicity methods*, preprint 2010 (arXiv:1007.4434)
- [78] H. TAVARES AND S. TERRACINI, *Regularity of the nodal set of segregated critical configurations under a weak reflection law*, preprint (2010) (arXiv:1002.3822).

Accepted papers

- [77] H. TAVARES, S. TERRACINI, G. VERZINI AND T. WETH, *Existence and nonexistence of entire solutions for non-cooperative cubic elliptic systems*, preprint 2010 (arXiv:1007.3007), Comm. Part. Diff. Eq., to appear
- [76] B. NORIS, H. TAVARES TERRACINI S. AND G. VERZINI, *Convergence of minimax and continuation of critical points for singularly perturbed systems*, preprint 2009 (arXiv:0910.5317), JEMS, to appear
- [75] L. ABATANGELO AND S. TERRACINI, *Solutions to nonlinear Schrödinger equations with singular electromagnetic potential and critical exponent*, preprint 2010 (arXiv:1009.3386), to appear on J. Fixed Point Theory Appl.
- [74] R. CASTELLI AND SUSANNA TERRACINI, *On the regularization of the collision solutions of the one-center problem with weak forces*, Comm. Pure Appl. Anal., to appear (arXiv:0905.1579)

Published papers

- [73] V. FELLI, A. FERRERO AND S. TERRACINI, *Asymptotic behavior of solutions to Schrödinger equations near an isolated singularity of the electromagnetic potential*, Journal of the European Mathematical Society, 13 (2011), 119-174.
- [72] L. ABATANGELO AND S. TERRACINI, *A note on the complete rotational invariance of biradial solutions to semilinear elliptic equations*, Advanced Nonlinear Studies, 11 (2011), 233a245

- [71] B. NORIS AND TERRACINI S., *Nodal sets of magnetic Schrödinger operators of Aharonov Bohm type and energy minimizing partitions*, Indiana Univ. Math. J. 59 (2010), 1361-1402
- [70] B. HELFFER, T. HOFFMANN-OSTENHOF AND S. TERRACINI, *Minimal partitions in dimension 3*, Discrete and Continuous Dynamical Systems A, 28 (2010), 617-635
- [69] B. HELFFER, T. HOFFMANN-OSTENHOF AND S. TERRACINI, *On Spectral Minimal Partitions: the Case of the Sphere*, in *Around the Research of Vladimir Maz'ya III. Analysis and Applications* Ari Laptev (Ed.). International Mathematical Series. Vol. 13, Springer, 2010
- [68] B. NORIS, H. TAVARES, TERRACINI S. AND G. VERZINI, *Uniform Hölder bounds for nonlinear Schrödinger systems with strong competition*, Comm. Pure Appl. Math. 63 (2010), 267–302
- [67] S. TERRACINI AND G. VERZINI, *Multipulse phases in k -mixtures of Bose–Einstein condensates*, Arch. Rat. Mech. Anal. 194 n. 3 (2009), 717-741
- [66] V. FELLI, E.M. MARCHINI, AND S. TERRACINI, *On Schrödinger operators with multisingular inverse-square anisotropic potentials*, Indiana Univ. Math. J. 58 No. 2 (2009), 617-676.
- [65] B. HELFFER, T. HOFFMANN-OSTENHOF AND S. TERRACINI, *Nodal domains and spectral minimal partitions*, Ann. Inst. H. Poincaré Anal. Non Linéaire, 26 (2009) 101-138
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- [62] V. BARUTELLO, FERRARIO D.L., TERRACINI S., *On the singularities of generalized solutions to n -body type problem*, Int Math Res Notices.2008 (2008), rnn069-78
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- Analisi matematica. Dal calcolo all'analsi Vol. 1 (di M. Conti, D.L. Ferrario, S. Terracini e G. Verzini) *Apogeo* (2006).
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