

Alberto Boscaggin

Publication related to the Ph.D. Thesis

- Double resonance with Landesman-Lazer conditions for planar systems of ordinary differential equations (with A. Fonda), *J. Differential Equations* 250 (2011), 1052-1082
- A note on a superlinear indefinite Neumann problem with multiple positive solutions, *J. Math. Anal. Appl.* 377 (2011), 259–268.
- Subharmonic solutions of planar Hamiltonian systems: a rotation number approach, *Adv. Nonlinear Stud.* 11 (2011), 77–103.
- Subharmonic solutions of planar Hamiltonian systems via the Poincaré-Birkhoff theorem, *Matematiche (Catania)* 66 (2011), 115–122.
- One-signed harmonic solutions and sign-changing subharmonic solutions to scalar second order differential equations, *Adv. Nonlinear Stud.* 12 (2012), 445–463.
- Periodic solutions to superlinear planar Hamiltonian systems, *Port. Math.* 69 (2012), 127–140.
- Resonance and rotation numbers for planar Hamiltonian systems: multiplicity results via the Poincaré-Birkhoff theorem (with M. Garrione), *Nonlinear Anal.* 74 (2011), 4166–4185.
- Pairs of positive periodic solutions of second order nonlinear equations with indefinite weight (with F. Zanolin), *J. Differential Equations* 252 (2012), 2900–2921.
- Positive periodic solutions of second order nonlinear equations with indefinite weight: multiplicity results and complex dynamics (with F. Zanolin), *J. Differential Equations* 252 (2012), 2922–2950.
- Subharmonic solutions for nonlinear second order equations in presence of lower and upper solutions (with F. Zanolin), *Discrete Contin. Dyn. Syst.* 33 (2013), 89–110.
- Pairs of nodal solutions for a class of nonlinear problems with one-sided growth conditions (with F. Zanolin), to appear on *Adv. Nonlinear Stud.*