

SEMINÁRIO DE EQUAÇÕES DIFERENCIAIS PARCIAIS

SUMÁRIO



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- 1 Well-posedness for multicomponent Schrödinger-gKdV systems and stability of solitary waves with prescribed mass
- A Faber-Krahn inequality for solutions of Schrödinger's equation on Riemannian manifolds
- **3** Nonlinear flows and optimality for functional inequalities
- Recent Theory and Applications of Systems of Nonlinear Dispersive Wave Equations I
- Recent Theory and Applications of Systems of Nonlinear Dispersive Wave Equations II
- Recent Theory and Applications of Systems of Nonlinear Dispersive Wave Equations III
- 7 Two homoclinic solutions for second-order perturbed Hamiltonian systems
- On regularity and decay of the solutions to a Liquid Crystal system



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- Analysis of a Navier-Stokes-Cahn-Hilliard system modeling vesicle-fluid interactions
- On nonlocal fractional problems with lack of compactness
- Boundary Sobolev regularity for nonlinear elliptic equations: an asymptotic approach
- Stackelberg strategies for the control of parabolic PDEs