

## SEMINÁRIO DE EQUAÇÕES DIFERENCIAIS PARCIAIS



- **1** Asymptotic issues in cylinders
- 2 Inhomogeneous Hopf-Oleinik lemma and applications
- The initial-value problem of a periodic generalized Kawahara/KdVm equation
- On special regularity properties of solutions to the k-generalized Korteweg-de Vries equation
- **5** On the Born-Infeld electromagnetic theory: the electrostatic case
- On supercritical Sobolev type inequalities and related elliptic equations
- 7 The IVP for the Benjamin-Ono-Zakharov-Kuznetsov equation in low regularity Sobolev spaces
- **8** L^2-Concentration for a coupled nonlinear Schrödinger system



- **9** Local theory for the surface quasi-geostrophic equation in exterior domains
- Systems under superlinear assumption just in some part of the domain
- 11 Energy estimates for the Cauchy problem of Klein-Gordon type equation with non-effective and very fast oscillating time-dependent potential
- 12 Estudo de um modelo não-local para uma placa elástica retangular: existência, unicidade e modos simples de oscilação
- Asymptotic behavior of the Schrödinger-Debye system with refractive index of square wave amplitude
- Well-posedness and optimal control for stochastic second grade fluids
- Results on Pólya conjecture for Dirichlet eigenvalues in balls of R2 and parallelepipeds of RN
- **16** Delta shock wave solution for a system of conservation laws



- **17** An elliptic problem with a gradient term
- **18** Geometric regularity theory for the Isaacs equation
- 19 Um sistema elíptico com não-linearidade logarítmica