

Le premier seminaire roumain-tunisien

en mathematiques

(The Fourth Workshop Series on Mathematics)

Bucharest, November 18-19, 2009

IMAR, Conference Hall “Miron Nicolescu”

PROGRAM

Wednesday, November 18th, 2009

10:30-11:00 **Opening ceremony**

11:00-11:50 **Ali Ben Amor** (Univ. de Gafsa, Tunisia): Hardy's inequality in the scope of Dirichlet forms

Lunch

13:00-13:50 **Marius Iosifescu** (Romanian Academy): Metrical theory of continued fractions

Coffee

14:30-15:20 **Nedra Belhaj Rhouma** (Faculte des Sciences, Univ. de Tunis, Tunisia): Liouville type results for a class of semilinear elliptic equations

15:30-16:20 **Gheorghe Bucur** (Univ. of Bucharest and IMAR): Characterization of Dirichlet forms by their excessive elements

Thursday, November 19th, 2009

10:00-10:50 **Mahel Mosbah** (Faculté des Sciences de Bizerte, Tunisia): On the solutions of noncooperative system of elliptic equations in \mathbf{R}^n

Coffee

11:10-12:00 **Vicentiu Radulescu** (Univ. of Craiova and IMAR, Romania): Problèmes de bifurcation et de valeurs propres associés aux opérateurs différentiels non homogènes

12:10-13:00 **Mounir Bezzarga** (IPEIT, Univ. de Tunis, Tunisia): A multiplicity of solutions for a nonlinear degenerate problem involving a $p(x)$ -Laplace type operator

Organizers: Lucian Beznea, Vasile Brinzanescu, and Radu Purice

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