

البحوث المنشورة بمجلات

عالمية محكمة إلى سنة

2007

**PUBLISHED PAPERS
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JOURNALS UP TO 2007**

قسم الرياضيات والاحصاء

DEPARTMENT OF MATHEMATICS AND STATISTICS

1. **L. Bougoffa** and **M. Al-Kadhi**: *Existence and uniqueness theorem of a coupled system linear Schrodinger equations*, **J. Math. Control Science and Applications (JMCSA)** Vol. 1, No. 2, pages 295-299, 2007.
2. **A. Ben Ghorbal**, V. Crismale and Y.G. Lu: *A constructive Boolean central limit theorem*, **Bollettino dell'Unione Matematica Italiana. Sezione B**, Vol. 10, N° 3, pages 593-604, 2007.
3. **L. Bougoffa**: *Adomian method for a class of hyperbolic equations with an integral condition*, **Applied Mathematics and Computation**, Vol. 177, Issue 2, pages 545-552, 2006.
4. **L. Bougoffa** and S. Bougouffa: *Adomian method for solving some coupled systems of two equations*, **Applied Mathematics and Computation**, Vol. 177, Issue 2, pages 553-560, 2006.
5. **L. Bougoffa** and S. Bougouffa: *Solvability of the nonlinear competition model with variable coefficients using modified decomposition method*, **J. Math., Control Science and Applications (JMCSA)** Vol. 1, No. 1, june 2007, pages 39-47 2007.
6. **L. Bougoffa**, S. Al-Awfi and S. Bougouffa: *Separation approach of Lorenz model in time-varying phenomena in cavities*, **Applied Mathematical Sciences (AMS)**, Vol. 1, No. 59, pages 2917-2926, 2007.
7. **L. Bougoffa**: *Corrigendum of the paper entitled: Note on an open problem*, **Journal Inequal. Pure and Appl. Math. (JIPAM)**, Volume 8, Issue 4, Article 121, 2007.

8. **L. Bougoffa:** *Modified decomposition method for solving the Cauchy problem for nonlinear parabolic-hyperbolic equations*, **Applied Mathematical Sciences (AMS)**, Vol. 1, No. 21, pages 1049-1056, 2007.
9. **L. Bougoffa:** *Note on an open problem*, **Journal Inequal. Pure and Appl. Math. (JIPAM)**, Volume 8, Issue 2, Article 179, 2007.
10. **L. Bougoffa:** *The Cauchy problem for nonlinear hyperbolic equations of higher order using modified decomposition method*, **J. Math. Control Science and Applications (JMCSA)**, Vol. 1, No. 1, June 2007, pages 11-19, 2007.
11. **S. El Manouni** and K. Perera: *Existence and nonexistence of solutions for some elliptic systems*, **Hindawi Publishing Corporation, Boundary Value Problems**, Article ID 85621, 2007.
12. A. Benkirane, M. Chrif and **S. El Manouni**: *Existence Results for Strongly Nonlinear Equations of Infinite Order*, **Z. Anal. Anwend. J. Anal. Appl.**, Vol. 26, pages 303- 312, 2007.
13. **N. Kerdid**, H. Le Dret, A. Saidi: *Approximation numérique d'un problème de membrane non linéaire*, **C. R. Acad. Sci. Paris, Ser. 1340**, pages 69-74, 2005.

قسم الفيزياء

DEPARTMENT OF PHYSICS

14. I. Ghiloufi and J. M. Baronnet: *Simulation of Heavy Metals Volatility during the Vitrification of Fly Ashes by Thermal Plasma, High Temperature Material Processes*, Vol. 10, pages 117-140, 2006.