

Curriculum Vitae

PERSONAL DATA:

Surname: **Fahmey**
Name: **Eman Sad**
Date of birth: **03/01/1972**
Place of birth: **Cairo**
Religion: **Islam**

Nationality: 1. present: **Egyptian**
2. former: **Egyptian**

Marital status: **Married**

Rank: **Assistant Professor**

e-mail: esfahmy@operamail.com

ACADEMIC BACKGROUND:

degree	field	institution	place	date
Bs.C	Mathematics	Mathematics Department	Cairo University, Faculty of Sciences	May 1995
Ms.C	Mathematics	Mathematics Department	Cairo University, Faculty of Sciences	18-11-2000
PhD	Mathematics	Mathematics Department	Cairo University, Faculty of Sciences	16-11-2003

Field of specialization: **Applied Mathematics**

Other fields of interest: **Partial differential equations**

Computer skills: **Excellent in the following**

SintificWorkPlace 5,

Mathematica 5.1,

Word XP.

Employment:

Rank	University	Date of installation	Experience
Assistant Professor (PhD)	King Saud University, Faculty of Sciences, Mathematics Department	16-11-2003	
Assistant (Ms.c)	Cairo University, Faculty of Sciences, Mathematics Department.	18-11-2000	One year
	----- Faculty of education, EL-Karg, Saudi Arabia	----- 15-8-2001 / 22-6-2003	Two years
Lecturer (Bs.c)	Cairo University, Faculty of Sciences, Mathematics Department	23-2-1998 / 30-11-2000	Two years

Courses taught:

- Calculus, I, II, III (Sequences, Series, Multiple Integral, Fourier Transform, Laplace Transform,
- General Algebra, Linear Algebra,
- Ordinary Differential Equations,
- Spatial Functions,
- Partial Differential Equations,
- Theory of Probability,
- Classical and Analytical Mechanics.
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INTERNATIONAL PUBLICATIONS:

1. **E. Ahmed, H. A. Abdusalam and E. S. Fahmy** " On Telegraph reaction diffusion and coupled map lattice in some biological systems" International Journal of modern physics C, Volume 12, (2001) 717-726.
2. **H. A. Abdusalam and E. S. Fahmy** "Cross-diffusional effect in telegraph reaction diffusion Lotka_Volterra two competitive system" Chaos Solitons & Fractals, Volume 18 No. 2 (2003) 259-266.
3. **M. Alabdulatif, H. A. Abdusalam, and E.S. Fahmy** " Adomian Decomposition Method for Nonlinear Reaction Diffusion System of Lotka-Volterra Type" International Mathematical Forum, 2, No. 2 (2007) 87-96.
4. **E. Ahmed, H. A. Abdusalam and E. S. Fahmy** "On Telegraph reaction diffusion equation and its applications" International Journal of modern physics C, Volume 12, Number (2001) 717-726.

5. **E.S. Fahmy** " Exact solution of generalized time-delayed Burgers equation through the improved tanh – function method " Journal of Mathematical control Science and Applications, volume 1 No 1, June (2007), pp 63-68.
6. **E.S. Fahmy** " Traveling wave solutions for some time-delayed equations through factorizations" Chaos, Solitons and Fractals(2007) (in press).
7. **E.S. Fahmy and I. Bajnaid** " Approximate solution for the generalized time-delayed Burgers-Huxley equation" Far East J.Appl. Math. 28(1) (2007), 81-94.
8. **E.S. Fahmy and H.A.Abdusalam** "Traveling wave solutions for nonlinear wave equations with dissipation and Nonlinear transport term through factorizations" International Journal of Computational Methods vol. 4, No, 4 (2007) 1-7.
9. **E.S. Fahmy, K.R. Raslan and H.A. Abdusalam** " On the exact and numerical solution of the time-delayed Burgers equation" International Journal of Computer Mathematics (2008).
10. **E.S. Fahmy, H.A. Abdusalam and M.L. Lahouh** "Exact Traveling Wave Solutions for Cattaneo Reaction Diffusion for Prisoners Dilemma Game" Far East J. Math. Sci. (In press).
11. **H.A. Abdusalam and E.S. Fahmy** "Exact Solutions for the Modified Equation for Spatial Population Dynamics" Far East J. Applied Math. Sci. (In press).
12. **H.A. Abdusalam and E.S. Fahmy** "Exact solution for the generalized telegraph Fisher equation" CS&F, (submitted)
13. **E.S. Fahmy** "An analytical study of Telegraph reaction diffusion equation" International Journal of Computational and Applied Mathematics (IJCAM)" Vol.2 No.2. (accepted).
14. **Abir Alharbi and E.S. Fahmy** " Approximate solution for time-delayed convective Fisher equation using ADM-Pade' technique", Mathematical And Computer Modeling, (submitted).

Conferences

- 1- **Workshop in King Abdul aziz center for Mathematics and Physics (02 - 2007)**
- 2- **Workshop in King Abdul aziz center for Mathematics and Physics (05 - 2007)**
- 3- **Third Saudi Science conference (3 - 2007).**