

CURRICULUM VITAE

Name: Mousa Jaber Abu Elshour

Date and place of birth: 1/3/1967, Irbid

Nationality: Jordanian

Marital status: Married

Number of Children: Three

**Address: Department of Mathematics,
Faculty of Science,
Al al-Bayt University,
P.O.Box : 130095,
Mafraq 25113, Jordan.**

E-Mail: drmousa67@yahoo.com

ACADEMIC QUALIFICATIONS:

1. Ph.D. (Ordinary Differential Equations): 1998, Odessa I.I.Mechnikov Stat University, Ukraine.

Title of Ph.D. Thesis:

"Singular differential-operator system of the first order equations".

2. Diploma in Mathematics, 1991, Odessa I.I. MechnikovStat University, USSR (1986-1991).

LANGUAGES: Arabic (native), English, Russian.

PROFESSIONAL EXPERIENCE:

1. Teacher at Ministry of education (Jordan)during October, 1992 to October, 1995.

2. Assistant Professor at Irbid National University during September 22, 1999 to August 30,2002.

3. Assistant Professor at Al al-Bayt University since September 15, 2002.
4. Associate Professor at Al al-Bayt University since March 8, 2010.
5. Professor at Al al-Bayt University since May14, 2018.

Workshops Attended:

1. Electronic Learning Course Using Blackboard Software
2. Latex programming course for the preparation of papers.

COURSES TAUGHT AT GRADUATE LEVEL:

Advanced Ordinary Differential Equations

COURSES TAUGHT AT UNDERGRADUATE LEVEL:

1. Calculus (all levels)
2. Fundamentals of Mathematics (for nonscientificmajor)
3. Ordinary Differential Equations (two levels)
4. Partial Differential Equations (two levels)
5. Numerical Analysis
6. Mathematical methods (Special Functions)
7. Real analysis
8. Algebra
9. Statistics

-Thesis defense committee member for several master students at different universities .

THESIS SUPERVISED AT MASTER LEVEL (AL aL-BAYT UNIVERSITY):

1. Esama bdula, Master thesis in Differential Equations "Oscillation of Nonlinear Differential Equations of second order ", Al al-Bayt University, 2004.
2. Aied Edamat, Master thesis in differential equations "Oscillation of Functional Differential Equations of second order", Al al-Bayt University, 2004.

3. Rania Saade, Master thesis in Differential Equations “The Asymptotic solutions of the second order non linear differential equations” . Al al-Bayt University, 2008.
4. Laith Ramadan, Master thesis in Differential Equations“ The Existence of Positive Solutions For class of Second Order Nonlinear Differential Equations ”, Al al-Bayt University, 2009.
5. Bayan Ahmad Rababah, “On the reproducing kernel Hilbert space method for handling stiff systems of ordinary differential equations ”, Al al-Bayt University, 2020.
6. **Asaad Barahmah**, Master thesis in Differential Equations “ Solve Space-Time Fractional Benjamin-Bona-Mahoney Equation by the Fractional Sub-Equation method”, Al al-Bayt University, 2021.

PUBLICATIONS:

1. Mousa Jaber Abu Elshour, Asymptotics of solutions of the non-autonomous ordinary differential second order equations close to linear ones. *Nonlinear Oscillations*. vol. 11 (2008), No. 2, pp. 230-241.
2. V. M. Evtukhov and Mousa Jaber Abu Elshour, Asymptotic Behavior of Solutions of Second Order Nonlinear Differential Equations Close to Linear Equations. *Mem. Differential Equations Math. Phys.* 43 (2008), pp. 97-106.
3. Mousa Jaber Abu Elshour, Asymptotic Representations of the Solutions of a Class of the Second Order Nonautonomous Differential Equations. *Mem. Differential Equations Math. Phys.* 44 (2008), pp. 59-68.
4. M. J. A. Elshour, Asymptotic representations of solutions of second order nonlinear differential equations. *International Mathematical Forum*, 4, 2009, no. 17, 835 – 844.

- 5.** Mousa Jaber Abu Elshour, V. Evtukhov, Asymptotic Representations For Solutions Of a Class Of Second Order Nonlinear Differential Equations, Miskolc Math. Notes, **10** (2009), No. 2, 119–127.
- 6.** V. M. Evtukhov and Mousa Jaber Abu elshour, Asymptotic representations of solutions of the one class ordinary differential equations of second order. *Nonlinear Oscillations*, Vol. 14, No. 2, October, 2011 .
- 7.** Asymptotic behaviour of solutions of the nonautonomous ordinary differential n -th order equations, *International Mathematical Forum*, Vol. 9, 2014, no. 13, 593 - 604 .
- 8.** V. M. Evtukhov and Mousa Jaber Abu elshour, ASYMPTOTIC BEHAVIOR OF THE SOLUTIONS OF NONAUTONOMOUS ORDINARY DIFFERENTIAL EQUATIONS OF ORDER n , *Journal of Mathematical Sciences*, Vol. 222, No. 3, April, 2017. (Ukrainian Original Vol. 19, No. 1, 2016
- 9.** Mousa Jaber Abu Elshour, On a Class of Nonlinear Nonautonomous Ordinary Differential Equations of n -th order, *Mem. Differential Equations Math. Phys.* 69 (2016), pp. 43-52.
- 10.** Mousa Jaber Abu Elshour and Evtukhov Vjacheslav. Asymptotic representations of solutions of the nonautonomous ordinary differential n -th order equations. *Archivum Mathematicum*, vol. 53 (2017), issue 1, pp. 1-12.
- 11.** Mousa Jaber Abu Elshour. ASYMPTOTIC REPRESENTATIONS OF ONE CLASS OF SOLUTIONS OF n -th ORDER NONAUTONOMOUS ORDINARY DIFFERENTIAL EQUATIONS. Accepted in *Journal of Mem. Differential Equations Math. Phys.* 71 (2017), pp. 1- 11.