

# CURRICULUM VITAE



## PERSONAL INFORMATION:-

Dr. Omar K. Y. Jaradat  
Professor in Mathematics  
Department of Math  
Mu'tah University  
Mu'tah-Jordan  
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## PERSONAL DATA:

- Full Name: Omar Khaled Yousef Jaradat
- Date of Birth: January, 8, 1965
- Place of Birth: Bushra-Irbid-Jordan
- Nationality: Jordanian
- Sex: Male
- Marital Status: Married, two daughters, three sons.
- Academic Rank: Professor

## Academic Degrees:

1. Diploma Degree In mathematics science from Kishinov University in (USSR) session 1989. (Five years).
2. **Ph.D.** in mathematics science(Differential Equations) from Dagestan University in Russia session 2000  
“A bout the existence of periodic and almost periodic solution of a second order functionally –differential equation in Hilbert space”,

## Specialization:

Differential Equations.

## Research Interests:

Differential Equations, Numerical Analysis, Approximation methods for solving Differential Equations,

## **LANGUAGES:**

Arabic: Mother Language,      English: Very good,                      Russia: Excellent,

## **COMUTERS SKILLS:**

ICDL Certificate.

## **Professional Experience:**

2002- 2008    Assistant Prof. at Mu'tah Univ., Jordan.

2008-2013    Associate Prof. at Mu'tah Univ., Jordan.

2013- now     Prof. at Mu'tah Univ., Jordan.

## **Administrative and Relative Experience:**

1. Head of Math. & Stat. Department, Mutah university, Alkarak, Jordan, 2012- now.
2. V. Dean of Academic Research, Mutah university, Alkarak, Jordan, Jan 2010- Aug 2012.
3. Prof. at Mutah university, Alkarak, Jordan 2013up to now
4. Associate Prof. at Mutah university, Alkarak, Jordan 2009-2013
5. Assistant Prof at Mutah university, Alkarak, Jordan    2002- 2008
6. Member of science college council, at Mutah University, Alkarak, Jordan 2007-2008.
7. Member of the comity of supervisors in Mutah University Model School, 2005-2006.
8. Worked in Ministry of Education since 1989 to 1996.

## **COURSES IN MATHEMATICS I TAUGHT:**

- 1- Calculus I, (Math 101)
- 2- Calculus II, (Math 102)
- 3- Foundation of mathematics, (Math 150)
- 4- Ordinary differential equations, (1) (Math 203)
- 5- Ordinary differential equations, (2) (Math 301)
- 6- Partial differential equations (1), (Math 304)
- 7- Mathematical methods, (Math 372)
- 8- Theory of Ordinary differential equations, (Math 701), (Graduate)

### **List of publications on the dissertation theme**

1. **Omar Khaled.** To the question of existence of periodic solutions of a second-order functionally-differential equation. "Theses of reports at the 4-th North-Caucasian regional conference ", Makhachkala.1997-p.70-71.
2. **Omar Khaled.** To the question of existence of periodic solutions of functionally-differential equation with the operator coefficient in the Hilbert space. Vesting of Daghestan state university. Natural sciences, issue 1.-1998.-P.
3. **Omar Khaled.** About the existence of periodic solutions of a second- order functionally-differential equation. Mezhvuzovsky sbornik (Interuniversity collection of papers) "Functionally-differential equations and their applications", issue 4.- Makhachkala.-1999.
4. **Omar Khaled.** To the question of existence of periodic solutions of functionally-differential equation in the Hilbert space "The Pontryaghins Readings- X" at the Voronezh Spring Mathematical School. Theses of reports. Voronezh, may 3-9, 1999.-P.185-186.
5. **Omar Khaled.** About the existence of almost periodic solutions of a second- order functionally-differential equation with the operator coefficients in the Hilbert space. Vesting of Daghestan state university. Natural sciences, issue 1.-1999.

### **PUBLICATONS.**

1. **Omar K. Jaradat.** "A method for approximating the solution of a partial differential equation of the first order.I". Journal of Fractional Calculas (ISSN 0918-5402) 2004.
2. **Omar K. Jaradat, Ahmad Al-Omari, Shaher Momani.** "Existence of the mild solution for fractional semilinear initial value problems " Received 8 August 2006; accepted 5 September Nonlinear Analysis (2007), doi:10.1016/j.na.2007.09.008
3. Anwar Al-Nayef , **Omar K. Jaradat** and Ahmad al-Omari, "On Properties Of Strongly Irresolute Topological Vector Spaces"
4. Shaher Momani, **Omar K. Jaradat** and Rabha Ibrahim. "Numerical Approximation of a Dynamic System Containing Fractional Derivative" Journal of Applied Sciences,8(6):1079-1084,2008.ISSN 18125654.
5. **Omar K. Jaradat.** "Adomian decomposition method for solving Abelian differential equations " Journal of Applied Sciences,

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6. Omar K. Jaradat,

**The Lattice Green's Function for the square Lattice**

Mu'tah Lil-Buhuth wad-Dirasat, Vol.28 . No. 2, 2013.

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7. Alaa A. Ibrahim, Omar K. Jaradat, Adel H. Al-Rabtah.

“ Exact Solitary and Periodic Solutions for Nonlinear Partial Differential Equations using Exponential Function Method”

Mu'tah Lil-Buhuth wad-Dirasat, Vol.28 . No. 1, 2013.

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8. E.K. Jaradat, A. D. Aloqali, O. K. Jaradat and R. S. Hijjawi "*Green's Function for a Perturbed Anisotropic Triangular Lattice*"

European Journal of Scientific Research. Vol101, No.1, (53-58), 2013

9. Omar K. Jaradat, "Green's Function for a Perturbed Anisotropic Triangular Lattice"

European Journal of Scientific Research. Vol.103 No.1 (2013), pp.115-121

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10. Omar.K. Jaradat<sup>1</sup> , Emad. K. Jaradat<sup>2</sup>

"Fractional Treatment for Einstein Lagrangian Density"

American Journal of Scientific Research

11. Kamal A.S Al-Banawi and Omar K. Jaradat .

"A Model Of The Width Of An Oval Via Differential Equations" Word applied sciences journal

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12. Omar K. Jaradat, Kamal A.S Al-Banawi and Anas Abu Joudeh.

"Solving Fractional Hyperbolic Partial Differential Equations By The Generalized Differential Transform Method "  
Word applied sciences journal