

# Curriculum Vitae (C.V)

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## Moustafa Damlakhi

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### PERSONAL INFORMATION

**Name** : Moustafa Khalil Ibrahim Damlakhi  
**Place & Date of Birth** : Syria – Aleppo 1948  
**Nationality** : Syrian  
**Marital Status** : Married (Two Children's)  
**Age** : 64Years  
**Religion** : Muslim

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### PROFESSIONAL INFORMATION

#### Education :

• **B. Sc in Mathematics** : 1967 – 1971 Aleppo University Aleppo, Syria  
**Second Student Award –**  
**very good grade**

**D. E. A. (Diplôm D' Etudes** : 1972 – 1974 Paris – Sud University Paris, France  
**Approfondies)**

**Doctorat Troisième Cycle** : 1974 – 1976 Paris – Sud University Paris, France  
**Mathematical Analysis**

**Doctorat D' Etat mathematical** : 1976 – 1982 Paris, Sud University Paris, France  
**analysis (Partial Differential**  
**Equations)**

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### PROFESSIONAL EXPERIENCE

**Assistant Professor, Department of** : 1982 – 1998 King Saud University, Riyadh,  
**Mathematics, Faculty of Science** Saudi Arabia

**Associate Professor, Department of** : 1998 – 2006  
**Mathematics, Faculty of Science**

**Professor , Department of** 2006 until now  
**Mathematics, Faculty of Science**

- General Area** : Mathematical Analysis
- Special Area** : Partial Differential Equations
- Courses taught at Graduate and Undergraduate level :** Differential and Integral Calculus, Ordinary and Partial Differtial Equations, Real and Comlex analysis, Measure theory, Distributions theory.
- Co-Author Books** : 1. Ordinary Differential Equations – By Ibrahim Sarmini, S. I Othman and Moustafa Damlakhi.
2. Differential and Integral calculus for functions of several variables, by T. M. Gazal, M. K. Damlakhi and S. I. Othman
- Patents and Publications** : 1. M.Damlakhi, Analyticité et itérés d' opertateurs pseudo differentiels, J. Math. Pures et App.58, 1979, p.63 à 74.
2. M.Damlakhi et B.Helffer, Analyticité et itérés d' champs non elliptique, Ann Scient. Éc. Sup.4, Serie t.13, 1980 p.397 à 403
3. M.Damlakhi and C.Zuily , on the uniqueness of Cauchy problem , J.of differential equations .Aca.press Vol.45 No.3 September 1982 p.307-316
4. M.Damlakhi, Solutions Hölderienes pour une classe de problems aux limites elliptiques dégénérés Mars., 1982, Centre de Math. De l' ecole polytechnique, Paliseau 91128, France M.Damlakhi, Solutions Hölderienes pour une classe de problems aux limites elliptiques dégénérés Mars., 1982, Centre de Math. De l' ecole polytechnique, Paliseau 91128, France.
5. Moustafa Damlakhi, Almost Riemann integrable functions, Tamkang Journal of Mathematics, vol.26 , Number 3, autumm 1995, p. 231-233.
6. M.Damlakhi, Representation of harmonic function with point sinularity, Nihonkai Math.J.Vol.6, 1995, p.1-4.
7. M.Damlakhi and V.Anandam, On the surjectivity of linear transformation.Internat J.Math. and Math Sci. Vol. 19, No. 3 1996, p.545-548.

8. M.K.Damlakhi and S.I. Othman, Bôcher's theorem in parabolic Riemann surface. J.Analysis Vol.4, 1996, p.93-96.
9. M.Damlakhi, Minimal harmonic representation in parabolic Riemann surface. J.Analysis Vol.5, 1997, p.25-28.
10. M.Damlakhi, Regularity of solution of some hypeolliptics operators. Nihonkia Mathematical Journal, vol.8 , No.2 , 1997.
11. V.Anandam and M.Damlakhi, Harmonic singularity at infinity in  $R^n$ , Real Analysis Exchange, 1998.
12. V.Anandam and M.Damlakhi, Biharmonic green domain in  $IR^n$ , Hokkaido Mathematical Journal, Vol. 27, 1998, p.669-680.
13. M.K.Damlakhi and Sadoon.I.Othman, On the range of some linear partial operators, Arab J. of Math. Sc. Vol. 6, Number 2, December 2000, p.9-15.
14. Moustafa Damlakhi, Order of subharmonic functions near infinity in  $IR^n$ , Proceeding of the seventh Ramanujan Symposium on Potential Theory and Function Theory, 2000.
15. S.Al-Hemedan and M.Damlakhi, Integral representation of harmonic functions defined outside a compact set I harmonic space. Potential analysis. Vol. 18. p.35-41, 2003.
16. Moustafa Damlakhi, Riquier problem in biharmonic space. Tamkang Journal of Mathematics Vol. 34 N 2, 2003.
17. V.Anandam and M.Damlakhi, class of functions containing polyharmonics functions in  $IR^n$ , Annales polonici mathematici 82.3, 2003.
18. S.Al-Hemedan and M.Damlakhi , On the uniqueness of the ALMANSI representation .Int,Journal of Applied Math. Vol. 16 , No.2 2004 P

205-209.

19. M.Damlakhi, M. Al-qurashi and V. Anandam, Al-Mansi functions near infinity in  $\mathbb{R}^n$ . Int.Journal of Pure and Applied Mathematics ,Vol.20 ,No. 4 ,2005,515-527 .
20. Moustafa Damlakhi, completely superharmonic polyharmonic functions on a Riemannian manifold, Arab J . Math.Sc Vol. No.2 December 2004 P. 43-49 .
21. Moustafa Damlakhi, some versions of the Liouville – picard theorem to appear in the J.of Diff.eq.and Applications , 2005 .
22. Moustafa Damlakhi , An inverse problem in a star electrical network , Hadronic Journal 28 , 585-598 (2005)
23. Moustafa Damlakhi functions  $L^p$  - Subharmonic in  $\mathbb{R}^n$  , To appear in Int.Journal of Pure and Applied Mathematics (2007)
24. M.Damlakhi and V.Anandam : Schrodinger matrices On a finite network Arab Journal Mathematical Scienc Volume 15 N.2,December 2009 p.13-27 .
25. S.Alhemedan and M. Damlakhi : Polypotentials on a Riemannian manifold , J.of Mathematical Analysis and Applications .370(2010) 364-372
26. Moustafa Damlakhi : Admissible Superharmonic functions on Riemannian Space . Algebras,Groups and Geometries Journal .Vol.30,number 4,Desember, 2013
27. V.Anandam and M.Damlakhi Perturbed Laplace operator in finite networks . To appear in Revue Romaine 2015.

**Languages Known** : French – English

**Text Book : 1) Introduction to ordinary differential equations By : Dr.Ibrahim Sarmini ,Dr. Moustafa Damlakhi and S.I.Othman .**

**2) Differential and Integral Calculus for functions of several variables By : Dr. Tahsin M. Gazal , Dr. M.K.Damlakhi ,and S.I. Othman .**

**3) Under preparation : Introduction to ordinary differential equations ( in English for engineering student) By Dr.Khwja.Z.Ilahi., Dr. Moustafa K.I. Damlakhi and Dr.S. Masloub.**

**4) Under preparation : Tow text book for student of mathematics in preparatory year M.140 and M.150.**

**Research project supported by college of Science Research center :**

**Research Title : *Schrödinger* matrices on finite network . Published in Arab .J.Math.Sc.Vol.15 , No.2 December 2009 .**