CURRICULUM VITAE

Seyedalireza Seyedi

Marital Status : *Single*
Nationality : *Iranian*
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EDUCATION:

Universita di Bologna, Bologna, Emilia-Romagna, Italia (2012-presint**)**

> *Doctorate Student*
>
> **PhD Thesis**: *Application of Mathematical Techniques for Complex Inverse Problems on Bio-Medicine and Socio-Economic.*
>
> **Supervisory:** *Prof. Pierluigi Contucci.*

Universiti Teknologi Malaysia, Johor, Malaysia (2008-2010**)**

> *Master of Science (Mathematics)* **by research***, Graduated on 25 September 2010.*
>
> **Master Thesis**: *The Cutting Angle Method (and Dynamic Integrated Systems Optimization and Parameter Estimation Algorithm) for Optimal Control Problems,*
>
> **Supervisory:** *Assoc Prof Dr. Rohanin bt Ahmad and Assoc Prof Dr. Mohd Ismail bin Abd Aziz.*

Islamic Azad University of Hamadan, Iran (2000-2005)

> *Bsc of Applied Mathematics (Operation Research)*
>
> **Bsc. Project:** *History of Science Mathematics from 1860-1945, Based on Researches and Prominent Achievements of David Hilbert and Stefan Banach.*

Publication:

Seyedalireza Seyedi, Rohanin Ahmad and Mohd Ismail Abd Aziz, Inheritance of Function Properties For functionals, 2nd ICORAFSS 2009, Universiti Teknologi Malaysia.

Seyedalireza Seyedi, Rohanin Ahmad and Mohd Ismail Abd Aziz, The Inheritance and Generalizability of Function Properties on Functionals, ICMAE '10, August 2010, International Islamic University Malaya.

Seyedalireza Seyedi, Rohanin Ahmad and Mohd Ismail Abd Aziz, Capability of Function Optimization Algorithms for Solving Functionals, ICMAE '10, August 2010, International Islamic University Malaya.

Seyedalireza Seyedi, Rohanin Ahmad, Wei Ng Kin and Mohd Ismail Abd Aziz, The Cutting Angle Method on Variational Problems, Proceedings of the 6th IMT-GT Conference on Mathematics, Statistics and its Applications (ICMSA2010), Nowember 2010, Universiti Tunku Abdul Rahman.

Experience:

Omide-Iran Pre-Primary School, Hamedan, Iran (2000-2005)

Working as a Mathematics Tutor

Elme-Omran Publisher, Tehran, Iran (2005-2011)

Working as a Technical Editor

Civil &Architecture Magazine, Tehran, Iran (2004-2011)

Working as an Reporter &Technical Editor

SaarBook Co., Tehran, Iran (2011-2012)

Working as a Technical Editor

Academic Research Area:

Application of Mathematical Methods in Bio-Medicine and Socio-Economic

Complex Inverse Problems

Dynamic Programming, Optimal Control, Optimization Algorithm

Numerical solutions of ODE and PDE

AWARD:

Research Student Grant, University Technology of Malaysia, (2008-2010).

COMPUTER SKILLS:

Programming: Matlab , MathCAD, Maple, Pascal, C, C++, Visual Basic.