Curriculum Vitae

1.Personal Data :

Name : Mohamed Ahmed Elsayed Ahmed

Position : Assistant Professor.

Department : Physics and Mathematical Engineering.

Contact :

E-Mail : Dr.mohamed.a.elsayed@gmail.com
m.elsayed@sha.edu.eg

Mail address : Physics and Engineering Dep. – Higher Institute of Engineering – Elshorouk city- Cairo - Egypt.

Tel. : 148

Room: 109 D

2. Specialization :

- **General specialization :** Mathematics
- **Specific Field** : Integral Equation.

3. Academic Qualifications :

2009 Ph.D. (Alexandria University)
2004 M.SC. (Helwan University)
1998 B.SC. (Helwan University)

4.Teaching Experience (courses):

- Calculus (Differentiation)
- Calculus (Integration)
- Ordinary Differential equations
- Analytical geometry
- Solid geometry
- Linear Algebra
- Partial differential equations
- Numerical solution of ordinary differential equations
- Numerical solution of partial differential equations
- Complex variables
- Laplace transform

- Special functions
- Linear programming
- Series solution of ordinary differential equations
- Fourier series and Fourier integral
- Partial differentiation
- Taylor and Maclurin expansion
- Probability
- Statistics
- Numerical Analysis
- Multiple integrals
- Vector analysis

5.Research Interests:

- Integral Equations and Contact problems

6.Publications:

1- M.A. Abdou and M.A. El-Sayed "On a solution of mixed integral equation with singular kernel" (2015).
2- M.A. Abdou and M.A. El-Sayed " Legendre and Chebyshev Polynomials for Solving Mixed Integral Equation'' (2015).
3- M.A. Abdou and M.A. Elsayed "'Numerical Solution of Mixed Linear Fractional Integro Differential Equation" (2015).
4- M.A. Elsayed , F.A. Salama "Spectral relationships of Volterra-Fredholm integral equations in some domains" (2016).
5- F.A. Salama, M.A. Elsayed " Stress components for an infinite plate with a curvilinear hole" (2016).