



# Curriculum Vitae

## 1. Personal Data :

**Name :** Mohamed Ahmed Elsayed Ahmed

**Position :** Assistant Professor.

**Department :** Physics and Mathematical Engineering.

**Contact :**

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## 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).