

Heba Ahmed Abd El-Moneam Othman

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Date of Birth: 1st jan.1990

➤ Education

Jun-2017	M.Sc. In Applied Mathematics (<i>Fluid Dynamics</i>)	Faculty of Science, Alexandria University.
May-2011	B.Sc. In Mathematics & Physics Grade: Good (74.5%).	Faculty of Science, Alexandria University.

➤ Experience

September 2017- Present	Teaching Assistance in Basics Science department	Higher Institute of Engineering and Technology, King Mariott.
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Training

- Training Course at Sidi Kerir Petrochemicals Company "SIDPEC" during the period from 18/07/2010 to 29/07/2010.

➤ Teaching Courses

- Calculus I , II .

- **Linear Algebra.**
- **Ordinary Differential Equations.**
- **Numerical Analysis.**
- **Probability and statistics.**
- **Mechanics of Solid Particles and Rigid Body.**

➤ **Ph.D. Courses**

- **Advanced Fluid Mechanics.**
- **Advanced Thermoelasticity Theory.**
- **Non-Newtonian Fluids.**
- **Selected Topics in Applied Mathematics (II).**

➤ **Master's Courses**

- **Viscoelasticity.**
- **Quantum Mechanics.**
- **Micropolar Continuum mechanics.**
- **Selected Topics in Applied Mathematics (I).**
- **Advanced Methods of Applied Mathematics.**
- **Numerical Methods and Algorithms.**

➤ **PUBLICATIONS**

Faltas M. S., Ashmawy E. A., Sherief H. H, and Othman H. A. (2024). Oscillations of coaxial hydrophobic spherical colloidal particles in a micropolar fluid. *Physics of Fluids*, 36(5).

➤ Courses Attended

- **Certificated an AUEPT Course in Language Studies and Translation Center in Faculty of Arts, Alexandria University from 30/9/2015.**
- **Obtained the Certificate of Achievement of International Computer Driving License "ICDL" from 17/11/2011.**

Skills

➤ Computer Skills

- **A good knowledge in Microsoft office (word, excel, access, power point).**
- **Familiar with mathematical programming tools such as Matlab, Fortran and Maple, these tools are used in master research.**
- **Academic research, teaching, training, consultation, LATEX typesetting and publishing.**

➤ Personal Skills

- **Learn quickly**
 - **Self-Motivated**
 - **Has the experience of team-working properties as co-operation and flexibility.**
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Languages

- **Arabic : (Mother Tongue).**
- **English : Good commend of English both written and spoken.**