

 PERSONAL DATA:

Name : Mohammed Hamza Mohammed
Date of birth : 24 / 10 / 1981
Nationality : Egyptian
Military service : Done with excellent performance.
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 EDUCATION:**Mathematical Science**

- **Bachelor of Science in Mathematics**, Mathematics Department, Faculty of Science, Al-Azhar University, Cairo, Egypt.
- **MSc in Pure Mathematics**, Mathematics Department, titled "**A Study of Some Certain Operators in Complex Function Spaces**", Faculty of Science, Port Said University, Port Said, Egypt.
- **Ph.D. in Pure Mathematics**, Mathematics Department, titled "**Extended Subclasses of Complex Function Spaces and Their Applications**", Faculty of Science, Port Said University, Port Said, Egypt.

Computer Science

- MSc in computer science, Mathematics Department entitled "**smart video indexing and retravel** " Faculty of Science, Al-Azhar University, Cairo, Egypt.

Additional Qualifications:

- **Postgraduate Diploma in Education**, Faculty of Education, Al-Azhar University, Cairo, Egypt.
 - **Professional Diploma in Special Education**, Faculty of Education, Kafr El-Sheikh University, Egypt.
 - **Special Diploma in Mental Health**, Faculty of Education, Kafr El-Sheikh University, Egypt.
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 EXPERIENCE:

- **Software Developer** at Alroshd Company, Riyadh, KSA (until 2011).
 - **Lecturer at Higher Institute of Computer Science**, King Marriott, Alexandria (2025-present).
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 Courses:

- Linear Algebra (M132)
- Introduction to probability & statistics (M130)
- Calculus (M129)
- Image processing (TM 360)
- Business Mathematics (C2002)

 Publications and Conferences:
Computer Science

1. Eissa, M. H., Farouk, H., Eldahshan, K., & Abozeid, A. (2024). **DSTC-Sum: A Supervised Video Summarization Model Using Depthwise Separable Temporal Convolutional**. International Journal of Advanced Computer Science & Applications, 15(11).
2. M. Hamza Eissa, Hesham Farouk, Kamal Eldahshan, Amr Abozeid, "Video Summarization with Neural Networks: A Systematic Comparison of State-of-the-Art Techniques," International Journal of Computer Trends and Technology, vol. 73, no. 2, pp. 90-109, 2025. Crossref, <https://doi.org/10.14445/22312803/IJCTT-V73I2P111>
3. Eldahshan, K. A. M. A. L., Farouk, H. E. S. H. A. M., Abozeid, A., Eissa, M. (2019). **Global dominant SIFT for video indexing and retrieval**. Journal of Theoretical and Applied Information Technology, 97(19), 5023-5035.

Mathematical Science

1. I. M. Hanafy, A.Kamal and M.Hamza Eissa. **Properties of product $T_h C_\phi$ operators from $\mathcal{B}_{\log^\beta}^\alpha$ to $Q_{K,w}(p,q)$ spaces**, Bulletin of the international mathematical virtual institute, Vol.9, No. 159-168, 2019.
2. A. Kamal and M. Hamza Eissa, **A new product of weighted differentiation and superposition operators between Hardy and Zygmund Spaces**, AIMS Mathematics, Vol. 6, No. 7, pp. 749-7765, 2021, doi: 10.3934/math.2021451.
3. A. Kamal, S. A. Abd-Elhafeez, and M. Hamza Eissa, **On Product-Type Operators between H^∞ and Zygmund Spaces**, Applied Mathematics and Information Sciences, Vol. 16, No. 4, pp. 623-633, 2022, doi: 10.18576/amis/160416.
4. A. Kamal, S. A. Abd-Elhafeez, and M. Hamza Eissa, **Properties of D-metric Spaces and Weighted Composition Operators Between Hyperbolic Function Spaces**, Numerical and Computational Methods in Sciences and Engineering, Vol. 1, No. 2, pp. 21-29, 2022, doi: 10.18576/ncmse/040103.
5. A. Kamal, S. A. Abd-Elhafeez, and M. Hamza Eissa, **The s-Generalized Composition Operators from $\mathcal{B}_g^{(m,n)} \rightarrow Q_P$ Spaces**, Applied Mathematics and Information Sciences, Vol. 17, No. 1, 2023, doi: 10.18576/amis/170104.
6. Eissa, M. Hamza, A. Kamal, and Samy A. Abd-Elhafeez, **Properties and Applications of the Composition Operator Between Certain Function Spaces**, Alfarama Journal of Basic & Applied Sciences, Vol. 4, No. 4, pp. 625-634, 2023.