

RESUME

i. PERSONAL INFORMATION:

- **Name:** Mohammad Ehab Mohammad Ragab.
- **Date of Birth:** 29/10/1971.
- **Country of Citizenship:** Egypt.
- **Mobile:** 016 8342 375
- **E-mail:** ragab@cse.cuhk.edu.hk and mehab@hotmail.com
- **Address:** The Electronics Research Institute, Tahrir Street, Dokki, Giza, Egypt.

ii. EDUCATION:

- Obtained the Ph.D. in Computer Science and Engineering from the Chinese University of Hong Kong in 2008. My thesis was entitled: "Multiple Camera Pose Estimation".
- Obtained the Master Degree in Electronics and Communications Engineering (Computer Section) from Cairo University in 1999. My thesis was entitled: "Face Recognition Using Principal Component Analysis Applied to an Egyptian Face Database".
- Obtained the BSc. Degree, with Honors, in Computer and Automatic Control from Ain Shams University in 1993.

iii. PRESENTATION SKILLS:

- In the academic year 2006-2007 at the Chinese University of Hong Kong, participated in the following courses:
 - Communication Skills Workshop.
 - Presentation Skills Workshop.
- Made several seminars and term presentations at the Chinese University of Hong Kong from 2005 to 2008.
- Made an oral presentation of my paper entitled: "EKF Based Pose Estimation Using Two Back-to-back Stereo Pairs" before the IEEE International Conference on Image Processing (ICIP 2007), San Antonio, Texas, U.S.A.

iv. TEACHING EXPERIENCE:

- Taught “Systems Programming” at Akhbar Elyoum Academy from October 2008 to January 2009.
- Teaching “Software Engineering”, and “Matlab Programming” at the 6th October University starting from February 2009.
- Teaching “Compiler Languages” at the 6th October University starting from September 2009.

v. RESEARCH INTERESTS:

- Multiple View Geometry.
- Intelligent Vehicle Guiding.
- Structure from Motion.
- Computer Vision.
- Robot Simultaneous Localization and Map Building.
- Estimation Applications to Tracking and Navigation.
- Image Processing.
- Face Recognition.

vi. SELECTED PUBLICATIONS:

- **Conference Publications:**

- M. E. Ragab, and K.H. Wong, “Nonoverlapping Multiple Camera Pose Estimation”, to appear INSHAA ALLAH *In the IEEE International Conference on Image Processing (ICIP 2010)*, Hong Kong, September 2010.

- M. E. Ragab, K.H. Wong, J. Z. Chen, and M. M. Y. Chang, “EKF Pose Estimation: How Many Filters and Cameras to Use?”, *In the IEEE International Conference on Image Processing (ICIP 2008)*, pp. 245-248, San Diego, California, U.S.A., October 2008.

- M. E. Ragab, K.H. Wong, J. Z. Chen, and M. M. Y. Chang, “EKF Based Pose Estimation Using Two Back-to-back Stereo Pairs”, *In the IEEE International Conference on Image Processing (ICIP 2007)*, volume 6, pp.137-140, San Antonio, Texas, U.S.A., September 2007.

- M. E. Ragab, A. M. Darwish, E. M. Abed, S. I. Shaheen, “Face Recognition Using Principal Component Analysis Applied to an Egyptian Face Database”, *Multiple Approaches to Intelligent Systems Proceedings 12th International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems, IEA/AIE-99*, pp.540- 549, Cairo, Egypt, May/June 1999.

- **Journal Publications:**

- M. E. Ragab, K.H. Wong, "Rotation within Camera Projection Matrix Using Euler Angles, Quaternions, and Angle-axes", *Accepted in the International Journal of Robotics and Automation, ACTA Press.*

- **Ph.D. Thesis:**

- M. E. Ragab, *Multiple Camera Pose Estimation*, Ph.D. thesis, the Chinese University of Hong Kong, 2008.

vii. WORK:

- Researcher, at the Informatics Department, the Electronics Research Institute (ERI), Giza, Egypt.
- Started work at the ERI in 1994.

viii. ACTIVITIES:

- Reviewed papers for some conferences and journals such as the IEEE International Conference on Image Processing (ICIP), and the IEEE Transactions on Systems, Man, and Cybernetics.
- Participated in organizing some scientific conferences and workshops in the fields of Artificial Intelligence, Image Processing, and Pattern Recognition.
- Oversaw the Informatics Department Local Area Network (LAN) at the ERI from 1999 to 2003.
- Participated in designing and updating of S/W packages needed to run the work at the ERI such as the Payroll Program.
- Attended many courses and seminars in various areas of computer science and engineering while being at the Chinese University of Hong Kong.

ix. AWARDS:

- IDB Merit Scholarship in 2003.
- In 1990, during my BSc. Studies, I was awarded the Simplified Scientific Writing Prize from the Egyptian Academy of Scientific Research and Technology

x. PROGRAMMING LANGUAGES:

- C
- C++
- Pascal
- MATLAB
- (Currently interested in) JAVA

xi. FOREIGN LANGUAGES:

- English: spoken and written smoothly.
- German: studied for three years in the secondary school as a second foreign language.

xii. REFERENCES:

- **My Ph.D. Supervisor:**

Professor K.H. Wong.

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- **My M.Sc. Supervisors:**

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