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Computer Engineering Department
Boğaziçi University
80815, Bebek, İstanbul

EDUCATIONAL BACKGROUND

1992 Ph.D. in EE Polytechnic University, Brooklyn, NY, USA
1986 M.S. in EE Boğaziçi University, İstanbul, Turkey
1984 B.S. in EE Boğaziçi University, İstanbul, Turkey

PROFESSIONAL EXPERIENCE

1995-2006 *Boğaziçi University, İstanbul*
Faculty member, CmpE Department (full professor since 2002)

1993-1995 *Boğaziçi University, İstanbul*
Assistant Professor, EE Department

1989-1992 *Polytechnic University, Brooklyn, NY*
Teaching Fellow, CS Department.

1984-1987 *Boğaziçi University, İstanbul*
Research and Teaching Assistant, EE Dept.

PERSONAL

Date of Birth : March 10th, 1962
Other Languages : German, Turkish
Memberships: IEEE Senior Member

RESEARCH INTERESTS

- Gesture recognition
- Face recognition
- 3D facial modelling, facial animation
- Quantization and dithering of color images.

RECENT PUBLICATIONS IN RELATED FIELDS

1. Arman Savran, Levent M. Arslan and Lale Akarun, "Speaker Independent 3D Face Synthesis Driven by Speech and Text", Signal Processing, accepted for publication.
2. L. Akarun, B. Gökberk, A.A. Salah, "3D face recognition for biometric applications", European Signal Processing Conference, EUSIPCO, Antalya, September 2005.
3. O. Aran, C. Keskin, L. Akarun, "Sign Language Tutoring Tool", European Signal Processing Conference, EUSIPCO Demonstration Session, Antalya, September 2005.
4. C. Keskin, O. Aran, L. Akarun, "Real-time gestural interface for generic applications", European Signal Processing Conference, EUSIPCO Demonstration Session, Antalya, September 2005.
5. B. Gokberk, A.A. Salah, L. Akarun, "Rank-based decision fusion for 3D shape-based face recognition", Audio- and Video-based Biometric Person Authentication (AVBPA), Terrytown, New York, July 2005.
6. A. Savran, L. Arslan, L. Akarun, "Speech Driven MPEG-4 facial animation for Turkish", Proceedings SPECOM2004, St. Petersburg, September 2004.

7. M. O. İrfanoğlu, B. Gökberk, L. Akarun, "3D Shape-based Face Recognition using Automatically Registered Facial Surfaces", Proceedings of the 17th International Conference on Pattern Recognition (ICPR2004), 2004, Cambridge.
8. B. Gökberk, L. Akarun, B. Aksan, "How to deceive a face recognizer?", Proceedings of the Biometrics: Challenges arising from Theory to Practice Workshop (BCTP2004), 2004, Cambridge.
9. B. Gökberk, M.O. İrfanoğlu, L. Akarun, E. Alpaydın, "Optimal Gabor kernel location selection for face recognition", Proc. ICIP, Barcelona, Spain, September 2003.
10. B. Gökberk, L. Akarun E. Alpaydın, "Selection of Kernel Location, Frequency, and Orientation Parameters of 2-D Gabor Wavelets for Face Recognition", Perception, Vol.32, pp.1-1., 2003, Paris.
11. A. Erkan, C. Keskin, L. Akarun, "Real time hand tracking and 3D gesture recognition for interactive interfaces using HMM", Proc. ICANN/ICONIP, pp. 567-570, İstanbul, June 2003.
12. Gökberk, B., L. Akarun, E. Alpaydın, "Feature selection for pose invariant face recognition," Proc. ICPR 2002, Quebec City, Canada, August 2002.
13. A.A. Salah, E. Alpaydın, and L. Akarun, "A Selective Attention Based Method for Visual Pattern Recognition with application to handwritten digit recognition and face recognition", IEEE Trans. Pattern Analysis and Machine Intelligence, vol 24, no.3, pp. 420-425, March 2002.
14. Z. Melek, L. Akarun, "Automated lip synchronized speech driven facial animation", Proceedings IEEE Int. Conf. On Multimedia and Expo., July 2000, New York.
15. E. Demir, L. Akarun, E. Alpaydın, "Two-stage approach for pose-invariant face recognition", Proceedings ICASSP 2000, June 2000, İstanbul, Turkey.