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Education

- 1992-1997 : **PhD**, Doctor of Philosophy in Electrical and Electronic Engineering
Bogazici University, Istanbul, Turkey
Option: Information and Communication
Specialization : Object-oriented video coding and transmission (MPEG-4)
- 1989-1992 : **MS**, Master of Science in Electrical and Electronic Engineering
Bogazici University, Istanbul, Turkey
Option: Information and Communication
Specialization : Signal and Image Processing
- 1985-1989 : **BS**, Bachelor of Science in Electrical and Electronic Engineering
Middle East Technical University, Ankara, Turkey
Option: Computer and Telecommunications
- 1982-1985 Ankara Fen Lisesi

Language Proficiency

- English: Fluent
- French: Fluent

Fields of Competence

Computer vision, deep learning, computer graphics, 3D modeling and reconstruction, image processing, biometrics, multimodal signal processing, machine learning.

Professional Experience

2000 - present : Faculty Member at Koç University, Computer Engineering Department, Istanbul, Turkey.

October 1999 – June 2000: Postdoctoral Researcher at ENST (Télécom ParisTech), Signal and Image Processing Department, Paris, France. Worked for MPEG4-Web3D standardization activities in collaboration with R&D Center of France Telecom (CNET).

September 1997- October 1999: Postdoctoral Fellow at ENST (Télécom ParisTech), Signal and Image Processing Department, Paris, France.

1990-1997 : Teaching assistant in Department of Mathematics, Bogazici University.

1993-1996 : Researcher in BUSIM (*Bogazici University Signal and Image Processing*) Laboratory, Istanbul.

International Research Collaborations

SIMILAR, European FP6 Network of Excellence on ‘Human-machine interfaces similar to human-human communication’, 2004-2008.

3DTV, European FP6 Network of Excellence on ‘Integrated 3-D Television – Capture, Transmission and Display’, 2004-2008.

Programme of Integrated Actions (PIA), TUBITAK and French Embassy, Collaboration with ENST- Telecom Paris and Boğaziçi Un., 2004 - 2008.

CAVeNC, Cross-Modal Analysis of Verbal and Non-verbal Communication, European COST, 2007-2011.

JOKER, IUI - JOKE and Empathy of a Robot/ECA: Towards social and affective relations with a robot, European Chist-Era Project, 2013- .

REGROUND - RELational Symbol GROUNDing Through Affordance Learning, European Chist-Era Project, 2016- .

Publications

Journal Papers

- B. B. Turker, Y. Yemez, E. Erzin and M. Sezgin, “Audio-Facial Laughter Detection in Naturalistic Dyadic Conversations,” *IEEE Transactions on Affective Computing*, Vol. 8, No. 4, pp. 534-545, 2017.

- E. Bozkurt, Y. Yemez, and E. Erzin, “Multimodal Analysis of Speech and Arm Motion for Prosody-Driven Synthesis of Beat Gestures”, *Speech Communication*, Vol. 85, pp. 29-42, December 2016.

- E. Bozkurt, H. Khaki, S. Kececi, B. B. Turker, Y. Yemez, E. Erzin, "The JESTKOD Database: An Affective Multimodal Database of Dyadic Interactions", *Language Resources & Evaluation*, Vol. 51, No. 3, pp. 857–872, 2017.

- A. Ünlüer, M. A. Baytaş,, O. T. Buruk, Y. Yemez, Z. Cemalçılar, O. Özcan, "The effectiveness of mime-based creative drama education for exploring gesture-based user interfaces", *The International Journal of Art & Design Education*, Vol. 37, No. 3, pp. 353-366, 2018.

- Y. Sahillioğlu and Y. Yemez, “Multiple Shape Correspondence by Dynamic Programming”, *Computer Graphics Forum, PG'14*, Vol. 33, No. 7, pp. 121-130, 2014.

- Y. Sahillioğlu and Y. Yemez, “Partial 3D Correspondence from Shape Extremities”, *Computer Graphics Forum*, Vol. 33, No. 6, pp. 63-76, 2014.

- Y. Sahillioğlu and Y. Yemez, "Coarse-to-Fine Isometric Shape Correspondence by Tracking Symmetric Flips", *Computer Graphics Forum*, Vol. 32, No. 1, pp. 177-189, 2013.
- Y. Sahillioğlu and Y. Yemez, "Minimum-Distortion Isometric Shape Correspondence Using EM Algorithm," *IEEE Transactions on Pattern Analysis and Machine Intelligence*, Vol. 34, No. 11, pp. 2203–2215, 2012.
- F. Ofli, E. Erzin, Y. Yemez, A. M. Tekalp, "Learn2Dance: Learning Statistical Music-to-Dance Mappings for Choreography Synthesis," *IEEE Transactions on Multimedia*, Vol. 14, No. 3, pp. 747–759, 2012.
- S. C. Bilir and Y. Yemez, "Non-Rigid 3D Shape Tracking from Multiview Video," *Computer Vision and Image Understanding*, Vol. 116, No. 11, pp. 1121–1134, 2012.
- Y. Sahillioğlu and Y. Yemez, "Scale Normalization for Isometric Shape Matching", *Computer Graphics Forum, PG'12*, Vol. 31, No. 7, pp. 2233-2240, 2012.
- Y. Sahillioğlu and Y. Yemez, "Coarse-to-Fine Combinatorial Matching for Dense Isometric Shape Correspondence", *Computer Graphics Forum*, Vol. 30, No. 5, pp. 1461-1470, 2011.
- Y. Sahillioğlu and Y. Yemez, "Coarse-to-Fine Surface Reconstruction from Silhouettes and Range Data Using Mesh Deformation," *Computer Vision and Image Understanding*, Vol. 114, No. 3, pp. 334–348, 2010.
- Y. Yemez and Y. Sahillioğlu, "Shape from Silhouette Using Topology-Adaptive Mesh Deformation," *Pattern Recognition Letters*, Vol. 30, pp. 1198–1207, 2009.
- H. Dutağacı, B. Sankur, Y. Yemez, "Subspace methods for retrieval of general 3D models", *Computer Vision and Image Understanding*, Vol. 114, No. 8, pp. 865-886, 2010.
- C. B. Akgül, B. Sankur, Y. Yemez, F. Schmitt, "Similarity Learning for 3D Object Retrieval using Relevance Feedback and Risk Minimization", *International Journal of Computer Vision*, Vol. 89, No. 2-3, pp. 392-407, 2010.
- C. B. Akgül, B. Sankur, Y. Yemez, F. Schmitt, "3D Model Retrieval using Probability Density-Based Shape Descriptors", *IEEE Transactions on Pattern Analysis and Machine Intelligence*, Vol. 31, No. 6, pp. 1117-1133, June 2009.
- M. E. Sargin, Y. Yemez, E. Erzin, and A. M. Tekalp, "Analysis of Head Gesture and Prosody Patterns for Prosody-Driven Head-Gesture Animation," *IEEE Transactions on Pattern Analysis and Machine Intelligence*, Vol. 30, No. 8, pp. 1330-1345, August 2008.
- F. Ofli, C. Canton-Ferrer, Y. Demir, K. Balcı, J. Tilmanne, E. Bozkurt, I. Kızıoğlu, Y. Yemez, E. Erzin, A. M. Tekalp, L. Akarun, A. T. Erdem, "An Audio-Driven Dancing Avatar," *Journal on Multimodal User Interfaces*, Springer, Vol. 2, No. 2, pp. 93-103, 2008.
- Y. Yemez and C.J. Wetherilt, "A volumetric fusion technique for surface reconstruction from silhouettes and range data," *Computer Vision and Image Understanding*, Vol. 105, No. 1, pp. 30–41, 2007.
- A. A. Alatan, Y. Yemez, U. Güdükbay, X. Zabulis, K. Müller, Ç. Erdem, C. Weigel and A. Smolic, "Scene Representation Technologies for 3DTV - A Survey", *IEEE Transactions on Circuits and Systems for Video Technology*, Vol. 17, No. 11, pp. 1587-1605, 2007.
- M. E. Sargin, Y. Yemez, E. Erzin, and A. M. Tekalp, "Audio-Visual Synchronization and Fusion using Canonical Correlation Analysis," *IEEE Transactions on Multimedia*, Vol. 9, No. 7, pp. 1396-1403, 2007.
- C. B. Akgül, B. Sankur, Y. Yemez, F. Schmitt, "Density-Based 3D Shape Descriptors", *EURASIP Journal on Applied Signal Processing*, Special Issue on Search and Retrieval of 3D Content and Associated Knowledge Extraction and Propagation, Vol. 2007, Article ID 32503, 16 pages, 2007.
- C. B. Akgül, F. Schmitt, B. Sankur, Y. Yemez, "Improving Efficiency of Density-Based Shape Descriptors for 3D Object Retrieval", *Lecture Notes in Computer Science (MIRAGE'07)*, Vol. 4418, pp. 330-340, 2007.

- E. Erzin, Y. Yemez, A. M. Tekalp, A. Erçil, H. Erdoğan, H. Abut, "Multimodal Person Identification for Human Vehicle Interaction," *IEEE Multimedia*, Vol.13 , No. 2 , pp. 18-31, April, 2006.
- H.E. Cetingul, Y. Yemez, E. Erzin, A. M. Tekalp, "Discriminative Analysis of Lip Motion Features for Speaker Identification and Speech-Reading," *IEEE Transactions on Image Processing*, Vol. 15, No. 10, pp. 2879-2891, 2006.
- H.E. Cetingul, E. Erzin, Y. Yemez, A. M. Tekalp, "Multimodal Speaker/Speech Recognition using Lip Motion, Lip Texture and Audio," *Signal Processing (Elsevier)*, Special Issue on Multimodal Human-Computer Interfaces, Vol. 86, No. 12, pp. 3549-3558, 2006.
- Y. Sahillioğlu and Y. Yemez, "A Surface Deformation Framework for 3D Shape Recovery," *Lecture Notes in Computer Science (MCRS'06)*, Vol. 4105, pp. 570-577, 2006.
- C. B. Akgül, B. Sankur, F. Schmitt and Y. Yemez, "Density-Based Shape Descriptors for 3D Object Retrieval," *Lecture Notes in Computer Science (MCRS'06)*, Vol. 4105, pp. 322-329, 2006.
- E. Erzin, Y. Yemez, A. M. Tekalp, "Multimodal speaker identification using an adaptive classifier cascade based on modality reliability," *IEEE Transactions on Multimedia*, Vol. 7, No. 5, pp. 840- 852, 2005.
- Y. Yemez and F. Schmitt, "3D reconstruction of real objects with high resolution shape and texture," *Image and Vision Computing*, Vol. 22, No. 13, pp. 1137-1153, 2004.
- Y. Yemez and F. Schmitt, "Multilevel Representation and Transmission of Real Objects with Progressive Octree Particles," *IEEE Trans. on Visualization and Computer Graphics*, Vol. 9, No. 4, pp. 551-569, October 2003.
- Y. Yemez, B. Sankur, E. Anarim, "A quadratic motion-based object-oriented video codec", *Signal Processing: Image Communication*, Vol. 15, No. 9, pp. 729-766, 2000.
- T. Aydin, Y. Yemez, E. Anarim, B. Sankur, "Multidirectional and multiscale edge detection via m-band wavelet transform", *IEEE Trans. on Image Processing*, Vol. 5, No. 9, pp. 1370-1376, September 1996.
- Y. Yemez, E. Anarim, and Y. Stefanopoulos, "Causal and semicausal AR image model identification using EM algorithm", *IEEE Trans. on Image Processing*, Vol. 2, No. 1, pp. 513-518, October 1993.

Conference papers

- L. Devillers et al., "Multifaceted engagement in social interaction with a machine: The JOKER Project", *IEEE International Conference on Automatic Face and Gesture Recognition*, China, 2018.
- B. B. Turker, E. Erzin, Y. Yemez and M. Sezgin, "Audio-Visual Prediction of Head-Nod and Turn-Taking Events in Dyadic Interactions," in *INTERSPEECH: Annual Conference of the International Speech Communication Association*, Hyderabad, India, 2018.
- B. B. Turker, M. Sezgin, Y. Yemez, and E. Erzin, "Multimodal prediction of head nods in dyadic conversations", *IEEE Signal Processing and Communications Applications Conference (SIU)*, Izmir, Turkey, 2018.
- E. E. Yurdakul, Y. Yemez, "Semantic Segmentation of RGBD Videos with Recurrent Fully Convolutional Neural Networks," *ICCV Workshop - Multi-Sensor Fusion for Dynamic Scene Understanding (MSF'17)*, Venice, Italy, Oct. 2017.
- S. Zia, B. Yüksel, D. Yüret, Y. Yemez, " RGB-D Object Recognition Using Deep Convolutional Neural Networks," *ICCV Workshop - Geometry Meets Deep Learning*, Venice, Italy, Oct. 2017.
- E. Küpçü and Y. Yemez, " Reliable Isometric Point Correspondence from Depth," *ICCV Workshop - Image-based Modeling of Articulated and Deformable Objects (IMADO)*, Venice, Italy, Oct. 2017.
- B. B. Turker, Z. Bucinca, E. Erzin, Y. Yemez and M. Sezgin, "Analysis of Engagement and User Experience with a Laughter Responsive Social Robot," in *INTERSPEECH: Annual Conference of the International Speech Communication Association*, Stockholm, Sweden, 2017.

- B. B. Turker, Z. Bucinca, E. Erzin, Y. Yemez, and M. Sezgin, "Real-time Audiovisual Laughter Detection", *IEEE Signal Processing and Communications Applications Conference (SIU)*, Antalya, Turkey, 2017.
- E. Bozkurt, E. Erzin, and Y. Yemez, "Affect-expressive hand gestures synthesis and animation," *IEEE Multimedia and Expo (ICME)*, 2015.
- L. Devillers et al., "Multimodal Data Collection of Human-Robot Humorous Interactions in the JOKER Project", *Affective Computing and Intelligent Interaction (ACII)*, Xian, China, 2015.
- B. B. Turker, S. Marzban, M. T. Sezgin, Y. Yemez, and E. Erzin, "Affect burst detection using multi-modal cues," *IEEE Signal Processing and Communications Applications Conference (SIU)*, pp. 1006-1009, 2015.
- E. Bozkurt, H. Khaki, S. Kecici, B. B. Turker, Y. Yemez, and E. Erzin, "JESTKOD database: Dyadic interaction analysis," *IEEE Signal Processing and Communications Applications Conference (SIU)*, pp. 1374-1377, 2015.
- Y. Sahillioğlu and Y. Yemez, "Multiple Shape Correspondence by Dynamic Programming", *Pacific Graphics (PG)*, Seoul, October 2014.
- E. Bozkurt, E. Erzin, and Y. Yemez. "Affect-expressive hand gestures synthesis and animation." *Multimedia and Expo (ICME), 2015 IEEE International Conference on.* IEEE, 2015.
- B. B. Türker, S. Marzban, E. Erzin, Y. Yemez, T. M. Sezgin, "Affect Burst Recognition Using Multi-Modal Cues", *IEEE Signal Processing and Communications Applications (SIU)*, Trabzon, April 2014.
- A. M. Baytaş, Y. Yemez, O. Ozcan, "User Interface Paradigms for Visually Authoring Mid-Air Gestures: A Survey and a Provocation", *ACM SIGCHI Symposium on Engineering Interactive Computing Systems (EICS'14)*, Rome, June, 2014.
- A. M. Baytaş, Y. Yemez, O. Ozcan, "Hotspotizer: End-user Authoring of Mid-air Gestural Interactions", *Proceedings of the 8th Nordic Conference on Human-Computer Interaction: Fun, Fast, Foundational, NordiCHI '14*, Helsinki, October, 2014.
- E. Bozkurt, S. Asta, S. Özkul, Y. Yemez, and E. Erzin, "Multimodal analysis of speech prosody and upper body gestures using hidden semi-Markov models," *IEEE Int. Conf. on Acoustics, Speech, and Signal Processing (ICASSP)*, Vancouver, Canada, 2013.
- E. Bozkurt, Y. Yemez, and E. Erzin, "Speech rhythm-driven gesture animation," *IEEE Signal Processing and Communications Applications (SIU)*, Northern Cyprus, April 2013.
- Y. Sahillioğlu and Y. Yemez, "Scale Normalization for Isometric Shape Matching", *Pacific Graphics (PG)*, Hong Kong, September 2012.
- S. Özkul, E. Bozkurt, S. Asta, Y. Yemez, and E. Erzin, "Multimodal analysis of upper-body gestures, facial expressions and speech," *Int. Workshop on Corpora for Research on Emotion Sentiment & Social Signals*, İstanbul, May 2012.
- Y. Sahillioğlu and Y. Yemez, "Coarse-to-Fine Combinatorial Matching for Dense Isometric Shape Correspondence", *Symposium on Geometry Processing (SGP)*, Lausanne, July 2011.
- F. Ofli, E. Erzin, Y. Yemez and A.M. Tekalp, "Multimodal dance choreography model", *IEEE Signal Processing and Communications Applications (SIU)*, pp. 126-129, Antalya, April 2011.
- Y. Sahillioğlu and Y. Yemez, "3D Shape Correspondence by Isometry-Driven Greedy Optimization," *IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, pp. 453 – 458, San Francisco, June 2010.
- E. Kalafatlar and Y. Yemez, "3D Articulated Shape Segmentation Using Motion Information," *Int. Conf. on Pattern Recognition (ICPR)*, İstanbul, August 2010.

- F. Ofli, E. Erzin, Y. Yemez, and A.M. Tekalp, "Multi-modal analysis of dance performances for music-driven choreography synthesis," *IEEE Int. Conf. on Acoustics, Speech, and Signal Processing (ICASSP)*, Dallas, USA, 2010.
- C. B. Akgül, B. Sankur, Y. Yemez, "Correspondence-Free Alignment of 3D Object Models", *Conference on Three-Dimensional Image Processing (3DIP) and Applications*, San Jose, CA, Jan 2010.
- H. Dutağacı, B. Sankur and Y. Yemez, "View subspaces for indexing and retrieval of 3D models", *Conference on Three-Dimensional Image Processing (3DIP) and Applications*, San Jose, CA, Jan 2010.
- Y. Sahillioğlu and Y. Yemez, "Isometric 3D Shape Correspondence," *IEEE Signal Processing and Communications Applications (SIU)*, Diyarbakır, April 2010.
- C. Akgül, A. Axenopoulos, B. Bustos, M. Chaouch, P. Daras, H. Dutagaci, T. Furuya, A. Godil, S. Kreft, Z. Lian, T. Napoléon, A. Mademlis, R. Ohbuchi, P. L. Rosin, B. Sankur, T. Schreck, X. Sun, M. Tezuka, Y. Yemez, A. Verroust-Blondet and M. Walter, "SHREC 2009 – Generic Shape Retrieval Contest", *Proc. of the Eurographics Workshop on 3D Object Retrieval*, Munich, Germany, March 2009.
- H. Dutağacı, B. Sankur and Y. Yemez, "Subspace-based techniques for retrieval of general 3D models", *IEEE 17th Signal Processing and Communications Applications (SIU)*, Antalya, April 2009.
- S. C. Bilir and Y. Yemez, "Time Varying Surface Reconstruction from Multiview Video," *IEEE Int. Conf. on Shape Modeling and Applications, SMI'08*, New York, USA, June 2008.
- C. B. Akgül, B. Sankur, Y. Yemez, F. Schmitt, "Similarity Score Fusion by Ranking Risk Minimization for 3D Object Retrieval", *Eurographics Workshop on 3D Object Retrieval, Proc. of the Eurographics Workshop on 3D Object Retrieval*, Crete, Greece, April 2008.
- F. Ofli, E. Erzin, Y. Yemez, A. M. Tekalp, C. E. Erdem, A. T. Erdem, T. Abaci, M. K. Ozkan, "Unsupervised Dance Figure Analysis from Video for Dancing Avatar Animation", *IEEE Int. Conf. on Image Processing (ICIP'08)*, San Diego, California, U.S.A., October 2008.
- F. Ofli, C. Canton-Ferrer, J. Tilmanne, Y. Demir, E. Bozkurt, Y. Yemez, E. Erzin, A. M. Tekalp, "Audio-Driven Human Body Motion Analysis and Synthesis," *IEEE Int. Conf. on Acoustics, Speech, and Signal Processing (ICASSP'08)*, pp. 2233 – 2236, Las Vegas, USA, April 2008.
- Y. Demir, E. Erzin, Y. Yemez, A. M. Tekalp, "Evaluation of Audio Features for Audio-Visual Analysis of Dance Figures," *European Signal Processing Conference (EUSIPCO'08)*, Lausanne, August 2008.
- C. B. Akgül, B. Sankur, Y. Yemez, "Statistical Score Fusion for 3D Object Retrieval", *IEEE 16th Signal Processing and Communications Applications (SIU)*, Didim, April 2008.
- S. C. Bilir and Y. Yemez, "Çok-Bakışlı Video Dizilerinden Zamanla Değişen Yüzey Geriçatımı", *IEEE 16th Signal Processing and Communications Applications (SIU)*, Didim, April 2008.
- F. Ofli, Y. Demir, C. Canton-Ferrer, J. Tilmanne, K. Balcı, E. Bozkurt, İ. Kızıoğlu, Y. Yemez, E. Erzin, A. M. Tekalp, L. Akarun, A. T. Erdem, "Analysis and Synthesis of Multiview Audio-Visual Dance Figures", *IEEE 16th Signal Processing and Communications Applications (SIU)*, Didim, April 2008.
- F. Ofli, C. Canton-Ferrer, Y. Demir, K. Balci, J. Tilmanne, E. Bozkurt, I. Kizoglu, Y. Yemez, E. Erzin, A. M. Tekalp, L. Akarun, A. T. Erdem, "Audio-Driven Human Body Motion Analysis and Synthesis", *Proc. of the eNTERFACE'07: The SIMILAR NoE Summer Workshop on Multimodal Interfaces*, Istanbul, Turkey, July-August 2007.
- M.E. Sargin, E. Erzin, Y. Yemez, A. M. Tekalp, A. T. Erdem, C. Erdem, M. Ozkan, "Prosody-Driven Head-Gesture Animation," *IEEE Int. Conf. on Acoustics, Speech and Signal Processing*, pp. II-677 - II-680, Honolulu, USA, 2007.
- C. B. Akgul, B. Sankur, F. Schmitt, Y. Yemez, "Multivariate Density-Based 3D Shape Descriptors," *IEEE Int. Conf. on Shape Modeling and Applications, SMI'07*, pp. 3-12, Lyon, France, 2007.

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- C. B. Akgül, F. Schmitt, B. Sankur, Y. Yemez, "Improving Efficiency of Density-Based Shape Descriptors for 3D Object Retrieval", *Computer Vision / Computer Graphics Collaboration Techniques (MIRAGE'07)*, Springer LNCS Series, vol. 4418, pp. 330-340, INRIA Rocquencourt, France, 2007.
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- F. Ofli, E. Erzin, Y. Yemez, A. M. Tekalp, "Estimation and Analysis of Facial Animation Parameter Patterns," *IEEE Int. Conf. on Image Processing (ICIP'07)*, San Antonio, 2007.
- F. Ofli, Y. Demir, E. Erzin, Y. Yemez, and A. M. Tekalp, "Joint Correlation Analysis of Audio-Visual Dance Figures," *IEEE Signal Processing and Communications Applications SIU'07*, 2007.
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- C. B. Akgul, B. Sankur, F. Schmitt, Y. Yemez, "Feature-Level and Descriptor-Level Information Fusion for Density-Based 3D Shape Descriptors," *IEEE Signal Processing and Communications Applications SIU'07*, 2007.
- M.E. Sargin, O. Aran, A. Karpov, F. Ofli, Y. Yasinnik, S. Wilson, E. Erzin, Y. Yemez and A.M. Tekalp "Combined Gesture-Speech Analysis and Speech Driven Gesture Synthesis," *IEEE Int. Conf. on Multimedia Expo ICME'06*, Toronto, 2006.
- M.E. Sargin, E. Erzin, Y. Yemez and A.M. Tekalp, "Multimodal Speaker Identification using Canonical Correlation Analysis," *ICASSP'06*, vol. I, pp. 613-616, May, Toulouse, France, 2006.
- C. B. Akgül, B. Sankur, Y. Yemez, F. Schmitt, "A Framework for Histogram-Induced 3D Descriptors", *Proc. of the 14th European Signal Processing Conference (EUSIPCO'06)*, Florence, Italy, September 4-8, 2006.
- Y. Sahillioğlu and Y. Yemez, "A Surface Deformation Framework for 3D Shape Recovery," *Lecture Notes in Computer Science (MCRS'06)*, Vol. 4105, pp. 570-577, 2006.
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- H. Dutagaci, B. Sankur, Y. Yemez, "A comparison of data representation types, features types and fusion techniques for 3D face biometry", *14th European Signal Processing Conference EUSIPCO'06*, Florence, Italy, September 2006.
- H. Dutagaci, B. Sankur, Y. Yemez, "3D Face recognition by projection-based features", *SPIE Electronic Imaging Conference: Security, Steganography, and Watermarking of Multimedia Contents VIII*, pp. 15-19 January 2006, San Jose, USA.
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- H. Dutağacı, B. Sankur, Y. Yemez, "Transform-based Methods for Indexing and Retrieval of 3D Objects", *Proceedings of Int. Conf. on 3D Digital Imaging and Modeling 3DIM*, Ottawa, October 2005.
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- B. Tari, Y. Yemez, Ö. Özkasap, R. Civanlar, " Progressive View-Dependent Transmission of 3D Models over Lossy Networks ", *EUSIPCO-2005*, Antalya, Turkey.
- H.E. Cetingul, Y. Yemez, E. Erzin, A. M. Tekalp "Robust Lip-Motion Features For Speaker Identification," *IEEE Int. Conf. on Acoustic, Speech and Signal Processing*, Philadelphia, March 2005.
- H.E. Cetingul, E. Erzin, Y. Yemez, A. M. Tekalp "Use of Lip Information for Robust Speaker Identification and Speech Recognition," *Biennial on DSP for In-Vehicle and Mobile Systems*, Sesimbra, Portugal, September 2-3, 2005.
- C. B. Akgül, B. Sankur, F. Schmitt, Y. Yemez, "3D Object Matching via Multivariate Shape Distributions", *IEEE 13th Signal Processing and Communications Applications (SIU)*, Kayseri, Turkey, May 2005.
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- E. Çetingül, Y. Yemez, E. Erzin, A. M. Tekalp "Konuşmacı Tanıma İçin Karşılaştırmalı Dudak Devinim Analizi," *IEEE 13th Signal Processing and Communications Applications (SIU)*, Kayseri, Turkey, May 2005.
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