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h-index (Scopus):
6
Citations (Scopus):
706

Supervised MSc Theses

#	Thesis title	By	Date
1	improvement of robustness of automatic speaker recognition systems against spoofing attacks	Amir Mohammad Rostami & Ahmad Nikabadi	September 2021
2	An improved CRM for collective activity recognition	Fatemeh Sadat Tabatabaeifar & Ahmad Nikabadi	September 2021
3	visual inertial localization through deep learning	Ali Samadzadeh & Ahmad Nikabadi	April 2021
4	Speaker Diarization of Speech Files using deep Lerarning	Shahrzad Safaei & Ahmad Nikabadi	September 2020
5	A Learning - based approach to anomaly detection on data streams	Elahe Mohammadi & Ahmad Nikabadi	February 2020
6	Group Activity Recognition in Video using Probabilistic Models	Sina Mokhtarzadeh Azar & Ahmad Nikabadi	February 2019
7	Human Pose Estimation in Video by Probabilistic Graphical Models	Mina Ghadimi Atigh & Ahmad Nikabadi	February 2019
8	Visual Question Answering	Nafiseh Izadyar & Ahmad Nikabadi	February 2019
9	probabilistic imitation learning for robotic applications	Ali Javadi & Ahmad Nikabadi	July 2018
10	Describing the content of short videos using an encoder-decoder framework	Rezvan Nazari & Ahmad Nikabadi	February 2018

11	Semantic Segmentation of Urban Scenes using Probabilistic Models	Hamidreza Ramezani & Ahmad Nikabadi	February 2018
12	Aspect-based opinion mining using probabilistic models	Mohammad Reza Molavi Hajiagha & Ahmad Nikabadi	January 2018
13	Human pose Estimation with Probabilistic Graphical Models	Marjan Moodi & Ahmad Nikabadi	July 2017
14	Tracking players with Partially Occluded Objects with Layered Graphical Models	Sarah Sheykhi & Ahmad Nikabadi	July 2017
15	Simultaneous image Classification And annotation with Topic Model	Seyed Navid Mohammadi Foumani & Ahmad Nikabadi	February 2017
16	Tracking moving objects in multi- camera environments with a probabilistic model	Esmat Rahmani & Ahmad Nikabadi	July 2016
17	Human skin detection in color images using a probabilistic model	Mohamad Mohseni Ahuii & Ahmad Nikabadi	July 2016
18	Modeling cancer mutations with statistical methods	Arghavan Ansari Alamdari & Ahmad Nikabadi	July 2016
19	Object tracking using probabilistic graphical models	Zahra Moradimanesh & Ahmad Nikabadi	February 2015

Books

#	Title	Author(s)	Publisher country	publication date	version
	Portal Records				
1	Swarm Intelligence Volume 1: Principles, current algorithms and methods	Ahmad Nikabadi, Reza Safabakhsh, Mohammad Mehdi Ebadzadeh	United Kingdom	July 2018	1

Journal Papers

Portal Records

1 Shiva Rahimipour, Mehdi Ghatee, S.Mehdi Tashakkori Hashemi, Ahmad Nikabadi, "A hybrid of neuro-fuzzy inference system and hidden Markov Model for activity-based mobility modeling of cellphone users", COMPUTER COMMUNICATIONS, May 2021 Vol. 173, Num. 1, Page 79-94, May 2021,

2 Mitra Alidoosti, Alireza Nowroozi, Ahmad Nikabadi, "BLProM: A black-box approach for detecting business-layer processes in the web applications", Journal of Computing and Security, May 2020 Vol. 6, Num. 2, Page 65-80, May 2020,

3 Mitra Alidoosti, Alireza Nowroozi, Ahmad Nikabadi, "Assessing of Web Application Resiliency against Flooding DoS Attacks in Business Layer", Journal of Electrical Engineering, February 2020 Vol. 49, Num. 4, Page 1757-1767, February 2020,

4 Seyed Navid Mohammadi Foumani, Ahmad Nikabadi, "A probabilistic topic model using deep visual word representation for simultaneous image classification and annotation", JOURNAL OF VISUAL COMMUNICATION AND IMAGE REPRESENTATION, February 2019 Vol. 59, Num. 1, Page 195-203, February 2019,

5 Fatemeh Vakhshiteh, Farshad Almasganj, Ahmad Nikabadi, "LIP-READING VIA DEEP NEURAL NETWORKS USING HYBRID VISUAL FEATURES", Image Analysis & Stereology, May 2018 Vol. 37, Num. 2, Page 159-171, May 2018,

6 Javadrafiei-Asl, Ahmad Nikabadi, "TSAKE: A topical and structural automatic keyphrase extractor", APPLIED SOFT COMPUTING, May 2017 Vol. 58, Num. 0, Page 620-630, May 2017,

7 Seyed Navid Mohammadi Foumani, Ahmad Nikabadi, "Simultaneous image classification and annotation using probabilistic topic models and LLC visual word coding", The CSI Journal on Computer Science and Engineering(JCSE), March 2017 Vol. 14, Num. 2, Page 1-11, March 2017,

Conference Papers

Portal Records

1 Mohammad Reza Molavi Hajiagha, Ahmad Nikabadi, "Aspect based sentiment analysis using probabilistic topic models and sentiment knowledge of embedded words ", CSICC 2018, February 2018

2 Ahmad Nikabadi, Mohamad Hosein Danesh, Mahsa Hasheminejad, "Improving multi-camera human tracking using appearance features ", CSICC 2018, February 2018

3 Rezvan Nazari, Ahmad Nikabadi, "Describing the content of short videos using semantic features ", CSICC 2018, February 2018

4 Seyed Navid Mohammadi Foumani, Ahmad Nikabadi, "Image classification and annotation using probabilistic topic models with weighted inputs ", CSICC 2017, March 2017

5 Esmat Rahmani, Ahmad Nikabadi, "A novel activity graph for object tracking in multi-camera environments using probabilistic models ", 6th joint Conference on Artificial Intelligence & Robotics, April 2016

Taught Courses

#	Course title	Description	Headlines	Date
1	Information Retrieval	Introducing information retrieval systems and their essential components		Fall 2021
2	Statistical Machine Learning	An introduction to the probabilty and statistical models and methods used in statistical machine learning		Fall 2021
3	Special Topics (Probabilistic Graphical Models)	introducing the probabilty basis, structure, learning and inference in probabilistic graphical models		Spring 2021
4	Information Retrieval	Introducing information retrieval systems and their essential components		Spring 2021
5	Statistical Machine Learning	An introduction to the probabilty and statistical models and methods used in statistical machine learning		Fall 2020
6	Information Retrieval	Introducing information retrieval systems and their essential components		Fall 2020