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Supervised MSc Theses

#	Thesis title	By	Date
1	Evaluation of the Risk factors of the Environment on the growth of the Cancer tumor base on a chaotic neural network model	Mohammad Javad Khouhak & Mohammadreza Hashemigolpayegany	August 2021
2	Modelling the Center of Center of Pressure dynamics of a standing person while performing dual-task (postural control and cognitive task)	Fatemeh Delavari & Mohammadreza Hashemigolpayegany	October 2018
3	indivitual computational chaotic cancer model of tumor growth based on effects of environmental factors	Faeze Khatibi & Mohammadreza Hashemigolpayegany	June 2016
4	NEW EEG SIGNAL PROCCESSING METHOD FOR NONLINEAR ANALYSIS OF ANESTHESIA DYNAMIC	Payman Gifani & Mohammadreza Hashemigolpayegany	April 2007
5	INTELLIGENT CHAOTIC CONTROL OF AN INVERSE TWO-LINK RIGID MANIPULATOR IN HIERARCHICAL STRUCTURE	Mahtab Nazari & Mohammadreza Hashemigolpayegany	March 2007
6	A STUDY OF TENILE CYCLIC LOADING ON THE MORPHOLOGY OF CULTURED ENDOTHELIAL CELLS WITH APPLICATION OF FRACTAL GEOMETRY	Samira Amini & Mohammadreza Hashemigolpayegany	February 2007
7	USING NEURAL NETWORK TECHNIQUES TO DETECT EEGS COGNITIVE COMPONENTS	Gholamreza Salimi Khorshidi & Mohammadreza Hashemigolpayegany	September 2006

Journal Papers

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1   Nazanin Zandi Mehran, Sajad Jafari, Mohammadreza Hashemigolpayegany, "Signal Separation In An Aggregation Of Chaotic Signals", CHAOS SOLITONS & FRACTALS, September 2020 Vol. 138, Num. 1, Page 1-8, September 2020,

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2   Fatemeh Delavari, Mohammadali Ahmadi Pajouh, Mohammadreza Hashemigolpayegany, "Effects of motor imagery on the center of pressure dynamics in the standing posture of a healthy individual ", 25th national and 3rd international Conference on Biomedical Engineering, November 2018

3   Fahimeh Nazarimehr, Bahareh Safarbali, Mohammadreza Hashemigolpayegany, Sajad Jafari, "Atrial Fibrillation Modeling Based on Global Insight ", 23rd National & 1st International Iranian Conference on Biomedical Engineering, November 2016

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