## International Journal of Engineering and Manufacturing



**JEM Vol.1** Http://www.mecs-press.org Vol. 1 No.4 August 2011



## International Journal of Engineering and Manufacturing (IJEM)

Volume 1, Number 4, August 2011

## Contents

Hash Function Construction Based on RBFNN and Chaotic Mapping Jun Chen, Chunxiao He, Pengcheng Wei	1
Diffraction Tomography: It's Application in Ultrasound Omer M. Gaddoura, Mingyue Ding	10
Virtual Prototype Technology of Product Which Based on Computer Xiaoyan Jiang, Yiming He	18
Mining Associated Factors about Emotional Disease Bases on FP-Tree Growing Algorithm XU Ai-ping, TANG Yuan, WANG Qi, QIAO Ming-qi, ZHANG Hui-yun, WEI Sheng	25
Efficient Parallel Design for Edit distance algorithm in DNA Sequence Alignment <i>Xu Li, Zhenzhou Ji</i>	32
The Research of Using Irregular Triangulated Network to Achieve the Relevant Water Calculation <i>Hongbin Ma, Xue Wang, Xinrui Liu, Haifeng Zhang</i>	39
Applying Motion Capture in Computer Animation Education Xiaoting Wang, Chenglei Yang, Lu Wang	44
Sensitivity Training of Residents to Pressure Improves the Management of Tracheal Tube Intracuff Pressure You Zhi-jian, Xu Hong-xia, Wang Xue-mei	53
Parallelization of Needleman-Wunsch Algorithm Based on Software Pipelining Hanwen Hu, Zhenzhou Ji	59
Nutritional Evaluation of Adinandra Nitida Leaves Gang Li, Xiaohong Ge, Benguo Liu, Changzhong Liu	65
Color Image Segmentation Using Level Set Method With Initialization Mask in Multiple Color Spaces Zhang Yongqin, Chen Hui, Wang Ling, Xiao Yongjun, Huang Haibo	7(
Effects of Blue Light on Mycelium Morphology, Citrinin Production and the Proportion of Sexual Spore of Monascus Jing Wang, Changlu Wang, Mianhua Chen, Zhao Ban, Dong He, Hua Yang, Qian Zhang, Yurong Wang, Fengjuan Li, Qimei Gu	77