

TABLE OF CONTENTS

Term Matching Approaches in E-Commerce

Mariam Gawich, Marco Alfonse, Mostafa Aref, Xavier Tannier, Abdel-Badeeh M. Salem 3

Proposed Mobile System for Bone Visualization Using Gpu Raycasting Volume Rendering Technique

Yassmin Abdallah, Abdel-Badeeh M.Salem 12

Computer Devices and Information Technologies for Medicine

Volodymyr Romanov, Ozar Mintser, Igor Galelyuka, Viktor Degtjaruk, Viktor Chernetsky, Illya Chaikovsky 21

Improving Performance in Neural Networks Using Feature Selection Based on Random Forests: Application to Automated Medical Diagnosis

Smaranda Belciug, Florin Gorunescu 33

Comparative Analysis of Various Filters for Noise Reduction in MRI Abdominal Images

Antoniya Mihailova, Veska Georgieva 47

Investment in ICT in Poland from the EU Funds - Opportunities and Challenges

Małgorzata Dziembala 67

On Importance of Topology on Functional Annotation on Biological Pathways in Gene Expression Experiments

Arsen Arakelyan 82

System Analysis of Formation of Emergency Rescuing Equipment Sets

Vasyl Kryshtal, Vitaliy Snytyuk..... 91

Table of contents 100