

CONTENTS

<i>Włodzimierz Funika, Filip Szura</i> Data storage management using AI methods	177
<i>Che Ngufor, Janusz Wojtusiak</i> Unsupervised labeling of data for supervised learning and its application to medical claims prediction	191
<i>Wojciech Turek, Edward Nawarecki, Grzegorz Dobrowolski, Tomasz Krupa, Przemysław Majewski</i> Web pages content analysis using browser-based volunteer computing	215
<i>Maciej Szczodrak, Józef Kotus, Andrzej Czyżewski, Bożena Kostek</i> The application of a noise mapping tool deployed in grid infrastructure for creating noise maps of urban areas	231
<i>Marcin Pietroń, Paweł Russek, Kazimierz Wiatr</i> Accelerating SELECT WHERE and SELECT JOIN queries on a GPU ...	243
<i>Gabriele Pierantoni, Brian Coghlan, Eamonn Kenny, Peter Gallagher, David Pérez-Suárez</i> Extending the SHEBA Propagation Model to reduce parameter-related uncertainties	253
<i>Peter Lavin, Eamonn Kenny, Brian Coghlan</i> Computing resource and work allocations using social profiles	273
<i>Michael Zgurovsky, Anatolii Petrenko, Volodymyr Ladogubets, Oleksii Finogenov, Bogdan Bulakh</i> WebALLTED: Interdisciplinary modeling in grid and cloud	295
<i>Akos Balasko, Zoltan Farkas, Peter Kacsuk</i> Building Science Gateways by utilizing the generic WS-PGRADE/gUSE workflow system	307
<i>Fatma Abu Hawas</i> Exploit relations between the word letters and their placement in the word for Arabic root extraction	327