

## Table of Contents

	Page
<b>Numerical Analysis of a Diffusion Flame Under Water Mist Jet Influence .....</b>	<b>9</b>
<i>M. De la Cruz-Ávila, E. Martínez-Espinosa, G. Polupan</i>	
<b>Priority Data Transmission Schemes for a Wireless Sensor Network on BAN.....</b>	<b>19</b>
<i>Sergio Martínez, Mario Rivero, Laura Garay, Issis Romero</i>	
<b>Modelo foveal rectangular a partir de un sensor de imagen comercial .....</b>	<b>29</b>
<i>José Antonio Loaiza Brito, Luis Niño de Rivera y Oyarzábal</i>	
<b>Computational Intelligence Algorithms Applied to the Pre-diagnosis of Chronic Diseases .....</b>	<b>41</b>
<i>Mariana Dayanara Alanis-Tamez, Yenny Villuendas-Rey, Cornelio Yáñez-Márquez</i>	
<b>Hybrid CW-GA Metaheuristic for the Traveling Salesman Problem .....</b>	<b>51</b>
<i>Irma Delia Rojas Cuevas, Santiago Omar Caballero Morales</i>	
<b>Transmission of Digital Audio with Visible Light.....</b>	<b>61</b>
<i>Sergio Sandoval-Reyes, Arturo Hernandez-Balderas</i>	
<b>Implicaciones computacionales de los aeromanipuladores .....</b>	<b>69</b>
<i>Julio Mendoza-Mendoza, Baltazar Jiménez-Ruiz, Víctor Javier González-Villela, Mauricio Méndez-Martínez, Leonardo Fonseca-Ruiz, Erick López Alarcón</i>	
<b>Lumped Parameter Estimation of a Stochastic Process of Second Order Using the Second Moment and Recursiveness.....</b>	<b>79</b>
<i>Romeo Urbietta Parrazales, José de Jesús Medel Juárez, Karen Alicia Aguilar Cruz, Rosaura Palma Orozco</i>	
<b>A Survey on Computer Science Techniques in the FOREX Market: Models and Applications.....</b>	<b>89</b>
<i>Diego Aguilar, Ildar Batyrshin, Oleksiy Pogrebnyak</i>	
<b>Armagedroid, APKs Static Analyzer Software.....</b>	<b>99</b>
<i>Luis Enrique Héctor Almaraz García, Eleazar Aguirre Anaya, Ponciano Jorge Escamilla Ambrosio, Raúl Acosta Bermejo</i>	

<b>Experimental Comparison of Bioinspired Segmentation Algorithms Applied to Segmentation of Digital Mammographies .....</b>	<b>109</b>
<i>David González-Patiño, Yenny Villuendas-Rey, Amadeo J. Argüelles-Cruz</i>	
<b>Sequence Prediction with Hyperdimensional Computing.....</b>	<b>117</b>
<i>Job Isaias Quiroz Mercado, Ricardo Barrón Fernández, Marco Antonio Ramírez Salinas</i>	
<b>Designing New CAPTCHA Models Based on the Cognitive Abilities of Artificial Agents.....</b>	<b>127</b>
<i>Edgar D. García-Serrano, Salvador Godoy-Calderón, Edgardo M. Felipe-Riverón</i>	
<b>Estimation and Identification Process Using an Exponential Forgetting Factor.....</b>	<b>137</b>
<i>Karen Alicia Aguilar Cruz, José de Jesús Medel Juárez, Romeo Urbietta Parrazales, María Teresa Zagaceta Álvarez</i>	
<b>Análisis de readmisión hospitalaria de pacientes diabéticos mediante aprendizaje computacional .....</b>	<b>147</b>
<i>Germán Cuaya-Simbro, Elias Ruiz, Angélica Muñoz-Meléndez, Eduardo F. Morales</i>	
<b>The Mexican Magical Towns Traveling Salesman Problem: Preliminary Results .....</b>	<b>159</b>
<i>Sandra J. Gutiérrez, Nareli Cruz, Hiram Calvo, Marco A. Moreno-Armendáriz</i>	