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Connection Solvable Method of Second Order Linear Differential Equation Constant Coefficient with Variable Coefficient  
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2...Problem Description and Existence of Solutions  
3...Sample Average Approximation and Theoretical Analysis; 4...Algorithm Statement and Illustrations; 5...Convergence Study; 6...Experimental Study; 7... Conclusions and Further Work; Acknowledgments; References; 3 Robust Coordination with Transmission Delay and Measurement Noises; Abstract; 1...Introduction; 2...Problem Formulation; 3... Convergence Analysis; 4...Conclusion; Acknowledgments; References; 4 Study on the Importance of Cultural Context Analysis in Machine Translation; Abstract; 1Machine Translation: A Brief Introduction  
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3.3 Verifying the SVM Model of Construction Industry Financial Risk Evaluation  
4...Conclusion; Acknowledgments; References; 6 Replaceable Encoding for Basic Variable of Traffic Network Transportation Optimization Problem; Abstract; 1...Introduction; 2...TN TOP; 3... Replaceable Encoding for Basic Variable; 4...DNA Algorithm of TN TOP; 4.1 Closed Circle DNA Algorithm; 4.2 Analysis on Correctness and Complexity of DNA Algorithm; 4.2 Analysis on Correctness and Complexity of DNA Algorithm; 5...Analysis on Validity of DNA Algorithm; Acknowledgments; References  
7 Upper and Lower Solutions of Boundary Value Problems for Impulsive Fractional Differential

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#### Sommario/riassunto

International Conference on Bio-Inspired Computing: Theories and Applications (BIC-TA) is one of the flagship conferences on Bio-Computing, bringing together the world's leading scientists from different areas of Natural Computing. Since 2006, the conferences have taken place at Wuhan (2006), Zhengzhou (2007), Adelaide (2008), Beijing (2009), Liverpool & Changsha (2010), Malaysia (2011) and India (2012). Following the successes of previous events, the 8th conference is organized and hosted by Anhui University of Science and Technology in China. This conference aims to provide a high-level international forum that researchers with different backgrounds and who are working in the related areas can use to present their latest results and exchange ideas. Additionally, the growing trend in Emergent Systems has resulted in the inclusion of two other closely related fields in the BIC-TA 2013 event, namely Complex Systems and Computational Neuroscience. These proceedings are intended for researchers in the fields of Membrane Computing, Evolutionary Computing and Genetic Algorithms, DNA and Molecular Computing, Biological Computing, Swarm Intelligence, Autonomy-Oriented Computing, Cellular and

Molecular Automata, Complex Systems, etc. Professor Zhixiang Yin is the Dean of the School of Science, Anhui University of Science & Technology, China. Professor Linqiang Pan is the head of the research group of Natural Computing at Huazhong University of Science and Technology, Wuhan, China. Professor Xianwen Fang also works at the Anhui University of Science & Technology.

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