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**Discovery Science** Setsuo Arikawa, Hiroshi Motoda, 2003-07-31 This book constitutes the refereed proceedings of the First International Conference on Discovery Science DS 98 held in Fukuoka Japan in December 1998 The volume presents 28 revised full papers selected from a total of 76 submissions Also included are five invited contributions and 34 selected poster presentations The ultimate goal of DS 98 and this volume is to establish discovery science as a new field of research and development The papers presented relate discovery science to areas as formal logic knowledge processing machine learning automated deduction searching neural networks database management information retrieval intelligent network agents visualization knowledge discovery data mining information extraction etc

**Parallel Genetic Algorithms for Financial Pattern Discovery Using GPUs** João Baúto, Rui Neves, Nuno Horta, 2018-02-03 This Brief presents a study of SAX GA an algorithm to optimize market trading strategies to understand how the sequential implementation of SAX GA and genetic operators work to optimize possible solutions This study is later used as the baseline for the development of parallel techniques capable of exploring the identified points of parallelism that simply focus on accelerating the heavy duty fitness function to a full GPU accelerated GA

Discovery Science Jean-Gabriel Ganascia, Philippe Lenca, Jean-Marc Petit, 2012-10-22 This book constitutes the refereed proceedings of the 15th International Conference on Discovery Science DS 2012 held in Lyon France in October 2012 The 22 papers presented in this volume were carefully reviewed and selected from 46 submissions The field of discovery science aims at inducing and validating new scientific hypotheses from data The scope of this conference includes the development and analysis of methods for automatic scientific knowledge discovery machine learning intelligent data analysis theory of learning tools for supporting the human process of discovery in science as well as their application to knowledge discovery

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In a global defined by information and interconnectivity, the enchanting power of words has acquired unparalleled significance. Their power to kindle emotions, provoke contemplation, and ignite transformative change is actually awe-inspiring. Enter the realm of "**Pattern Discover Science Series**," a mesmerizing literary masterpiece penned by a distinguished author, guiding readers on a profound journey to unravel the secrets and potential hidden within every word. In this critique, we shall delve in to the book is central themes, examine its distinctive writing style, and assess its profound effect on the souls of its readers.

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