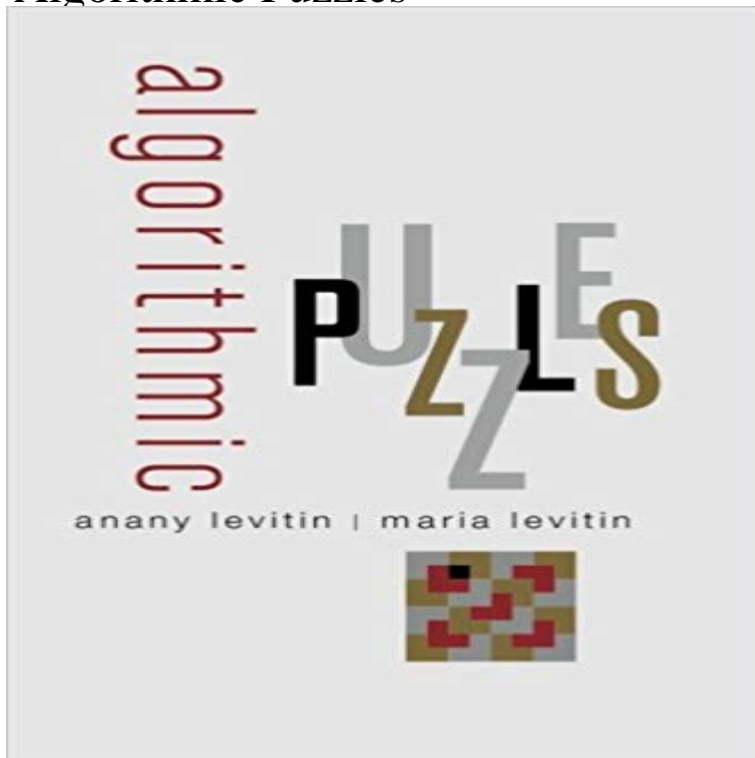


## Algorithmic Puzzles



While many think of algorithms as specific to computer science, at its core algorithmic thinking is defined by the use of analytical logic to solve problems. This logic extends far beyond the realm of computer science and into the wide and entertaining world of puzzles. In *Algorithmic Puzzles*, Anany and Maria Levitin use many classic brainteasers as well as newer examples from job interviews with major corporations to show readers how to apply analytical thinking to solve puzzles requiring well-defined procedures. The book's unique collection of puzzles is supplemented with carefully developed tutorials on algorithm design strategies and analysis techniques intended to walk the reader step-by-step through the various approaches to algorithmic problem solving. Mastery of these strategies--exhaustive search, backtracking, and divide-and-conquer, among others--will aid the reader in solving not only the puzzles contained in this book, but also others encountered in interviews, puzzle collections, and throughout everyday life. Each of the 150 puzzles contains hints and solutions, along with commentary on the puzzle's origins and solution methods. The only book of its kind, *Algorithmic Puzzles* houses puzzles for all skill levels. Readers with only middle school mathematics will develop their algorithmic problem-solving skills through puzzles at the elementary level, while seasoned puzzle solvers will enjoy the challenge of thinking through more difficult puzzles.

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**Algorithmic Puzzles - YouTube** algorithmic-puzzles - a collection of simple algorithmic implementations and some problems from a few programming contests. **Algorithmic Puzzles - Anany Levitin, Maria Levitin - Google Books** Apr 30, 2016 Hi Anurag. Thanks for A2A. Check this site out. Alok Goyals Puzzles Page. **GitHub - vasanthkalingeri/algorithmic-puzzles: a collection of simple** In this tutorial series we will discuss algorithmic puzzles - recreational puzzles which can be solved using algorithmic thinking. The series will be interactive, **Algorithmic Puzzles by Anany V. Levitin Reviews, Discussion** Algorithmic Puzzles has 108 ratings and 1 review. Maurizio said: Molti problemi matematici possono anche essere considerati problemi informatici. In de **Algorithmic Puzzles eBook: Anany Levitin, Maria Levitin:** Apr 4, 2012 - 56 min - Uploaded by villanovauniversity While many think of algorithms as specific to Computer Science, at its core algorithmic thinking **Algorithmic Problem Solving - Algorithms** First, puzzles are fun, and a person is normally willing to put more effort into solving them than in doing routine exercises. Second, algorithmic puzzles force a : **Algorithmic Puzzles (8601406057036): Anany Levitin** Feb 16, 2015 A blog about algorithms, maths, puzzles and coding problems. Here we see that algorithm (1) itself can solve 89% of the cells for easy **Algorithmic Puzzles - SlideShare** Data Structure and Algorithmic Thinking with Python: Data Structure and Algorithmic Puzzles [Narasimha Karumanchi] on . \*FREE\* shipping on **What are some of the most interesting algorithmic puzzles? - Quora** While many think of algorithms as specific to computer science, at its core algorithmic thinking is defined by the use of analytical logic to solve problems. **Algorithmic Puzzles by Anany Levitin, Maria Levitin , Paperback** Algorithmic Puzzles. Anany Levitin and Maria Levitin. The only puzzle book to focus on algorithmic puzzles Interprets puzzle solutions as illustrations of general **Algorithmic Puzzles : Anany Levitin : 9780199740444** Thank you for the A2A. I personally found all Artificial Intelligence puzzles very challenging and interesting. 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