



Mathematical Recreation and Essays

Nikos Karagiannis

Download now

[Click here](#) if your download doesn't start automatically

Mathematical Recreation and Essays

Nikos Karagiannis

Mathematical Recreation and Essays Nikos Karagiannis

TABLE OF CONTENTS. PART I. Mathematical Recreations. Chapter I. Some Arithmetical Questions.	
PAGE Elementary Questions on Numbers (Miscellaneous)	4
Arithmetical Fallacies	20
Bachet's Weights Problem	27
Problems in Higher Arithmetic	29
Fermat's Theorem on Binary Powers	31
Fermat's Last Theorem	32
Chapter II. Some Geometrical Questions. Geometrical Fallacies	
Geometrical Paradoxes	42
Colouring Maps	44
Physical Geography	46
Statical Games of Position	48
Three-in-a-row. Extension to p-in-a-row	48
Tessellation. Cross-Fours	50
Colour-Cube Problem	51
vi TABLE OF CONTENTS. vii PAGE Dynamical Games of Position	
Shunting Problems	52
Ferry-Boat Problems	55
Geodesic Problems	57
Problems with Counters placed in a row	58
Problems on a Chess-board with Counters or Pawns	60
Guarini's Problem	63
Geometrical Puzzles (rods, strings, &c.)	64
Paradromic Rings	64
Chapter III. Some Mechanical Questions. Paradoxes on Motion	
Force, Inertia, Centrifugal Force	67
Work, Stability of Equilibrium, &c.	70
Perpetual Motion	72
Models	75
Sailing quicker than the Wind	78
Boat moved by a rope inside the boat	81
2 Results dependent on Hauksbee's Law	82
Cut on a tennis-ball. Spin on a cricket-ball	83
Flight of Birds	83

 [Download Mathematical Recreation and Essays ...pdf](#)

 [Read Online Mathematical Recreation and Essays ...pdf](#)

Download and Read Free Online Mathematical Recreation and Essays Nikos Karagiannis

From reader reviews:

Bobby Phillips:

As people who live in typically the modest era should be update about what going on or details even knowledge to make them keep up with the era and that is always change and move ahead. Some of you maybe will certainly update themselves by reading books. It is a good choice for yourself but the problems coming to you actually is you don't know what one you should start with. This Mathematical Recreation and Essays is our recommendation to cause you to keep up with the world. Why, because book serves what you want and wish in this era.

Gerald Sosa:

Why? Because this Mathematical Recreation and Essays is an unordinary book that the inside of the reserve waiting for you to snap that but latter it will shock you with the secret the item inside. Reading this book close to it was fantastic author who write the book in such remarkable way makes the content inside easier to understand, entertaining means but still convey the meaning totally. So , it is good for you for not hesitating having this anymore or you going to regret it. This unique book will give you a lot of positive aspects than the other book get such as help improving your skill and your critical thinking approach. So , still want to hesitate having that book? If I ended up you I will go to the e-book store hurriedly.

Grant Rickard:

As a university student exactly feel bored in order to reading. If their teacher inquired them to go to the library or to make summary for some reserve, they are complained. Just little students that has reading's heart or real their passion. They just do what the instructor want, like asked to the library. They go to generally there but nothing reading significantly. Any students feel that examining is not important, boring as well as can't see colorful photographs on there. Yeah, it is for being complicated. Book is very important in your case. As we know that on this period, many ways to get whatever we would like. Likewise word says, ways to reach Chinese's country. Therefore , this Mathematical Recreation and Essays can make you sense more interested to read.

Janice Garcia:

Publication is one of source of information. We can add our information from it. Not only for students but additionally native or citizen need book to know the update information of year for you to year. As we know those books have many advantages. Beside most of us add our knowledge, can also bring us to around the world. From the book Mathematical Recreation and Essays we can have more advantage. Don't one to be creative people? To get creative person must like to read a book. Simply choose the best book that suitable with your aim. Don't always be doubt to change your life at this time book Mathematical Recreation and Essays. You can more attractive than now.

**Download and Read Online Mathematical Recreation and Essays
Nikos Karagiannis #U6DERO2I0JL**

Read Mathematical Recreation and Essays by Nikos Karagiannis for online ebook

Mathematical Recreation and Essays by Nikos Karagiannis Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Mathematical Recreation and Essays by Nikos Karagiannis books to read online.

Online Mathematical Recreation and Essays by Nikos Karagiannis ebook PDF download

Mathematical Recreation and Essays by Nikos Karagiannis Doc

Mathematical Recreation and Essays by Nikos Karagiannis Mobipocket

Mathematical Recreation and Essays by Nikos Karagiannis EPub