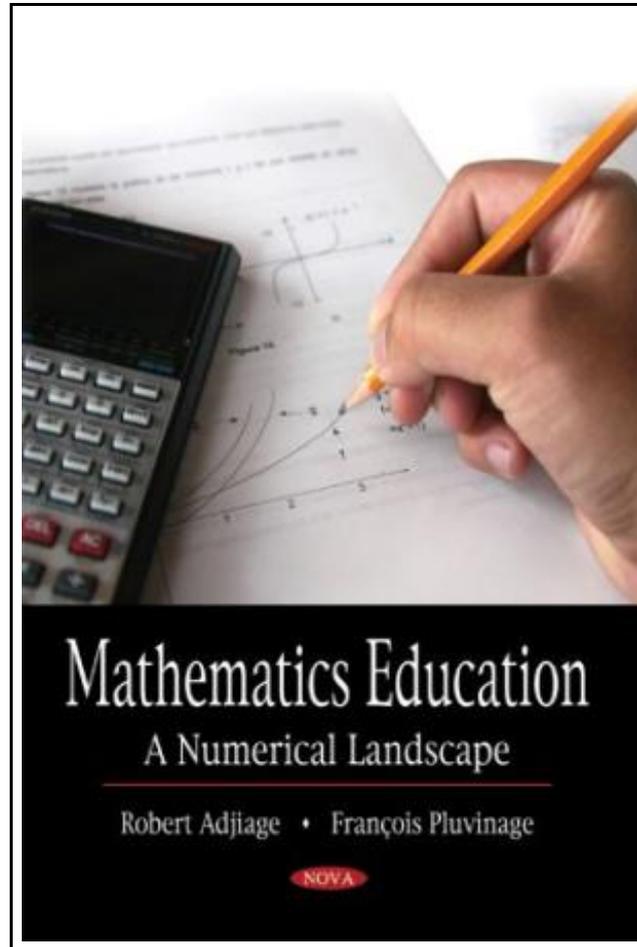


## Mathematics Education: A Numerical Landscape



Filesize: 8.57 MB

### ***Reviews***

*Without doubt, this is the best operate by any publisher. I was able to comprehended everything out of this written e publication. Its been developed in an remarkably easy way which is only following i finished reading through this ebook by which basically altered me, modify the way i believe.  
(Dr. Ofelia Grant Sr.)*

## MATHEMATICS EDUCATION: A NUMERICAL LANDSCAPE



Nova Science Publishers Inc. Hardback. Book Condition: new. BRAND NEW, Mathematics Education: A Numerical Landscape, Robert Adjage, Francois Pluinage, This book concerns the field of mathematics education. Today, for almost any technology, attaining the most advanced level relies on using digital systems. Therefore, the authors focus on number acquisition and use, emphasise major discussions about related topics, and introduce our personal contribution. They consider three areas: numbers in society, at school, and in the field of education. Modern society needs two kinds of number users: the first has to deal with numbers, the second has to work with numbers. According to the framework for PISA assessment, dealing with numbers concerns every citizen facing situations in which the use of a quantitative reasoning would help clarify, formulate or solve a problem. Working with numbers is what a professional (marketing specialist, engineer, physician, artist.) does when he has to cope with numerical theoretical frameworks, or when he collaborates with a mathematician. This brings two types of questioning: What does competence in mathematics mean? And, what level of achievement is desirable in number-learning to meet either numerical need? The authors examine what is proposed for teaching such a broad subject to 7-to-18-year-olds. They first observe and question the educational system, the designer of curricula, scenarios for teaching, training programmes, and national assessments. Secondly, they question the notions of problem solving and modelling as mere responses to mathematics-teaching issues. The authors then focus on what really happens in a standard classroom, particularly how teachers apply recommendations and directives, and how the generalisation of assessments affects their practice. Three aspects are considered: epistemological, cognitive, and didactical. The authors distinguish four related levels which they have named: numeracy (competence linked to whole numbers), rationacy (competence linked to ratios and rational numbers), algebracy (competence linked to algebra), and functionacy...



[Read Mathematics Education: A Numerical Landscape Online](#)



[Download PDF Mathematics Education: A Numerical Landscape](#)

## See Also

---



### **The Trouble with Trucks: First Reading Book for 3 to 5 Year Olds**

Anness Publishing. Paperback. Book Condition: new. BRAND NEW, The Trouble with Trucks: First Reading Book for 3 to 5 Year Olds, Nicola Baxter, Geoff Ball, This is a super-size first reading book for 3-5 year...

[Download Book »](#)

---



### **Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English] (Paperback)**

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

[Download Book »](#)

---



### **Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English] (Paperback)**

Createspace, United States, 2013. Paperback. Book Condition: New. 248 x 170 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

[Download Book »](#)

---



### **Hands Free Mama: A Guide to Putting Down the Phone, Burning the To-Do List, and Letting Go of Perfection to Grasp What Really Matters! (Paperback)**

ZONDERVAN, United States, 2014. Paperback. Book Condition: New. 211 x 137 mm. Language: English . Brand New Book. Rachel Macy Stafford s post The Day I Stopped Saying Hurry Up was a true phenomenon on...

[Download Book »](#)

---



### **Fox at School: Level 3 (Paperback)**

Penguin Young Readers Group, United States, 1993. Paperback. Book Condition: New. James Marshall (illustrator). Reissue. 224 x 147 mm. Language: English . Brand New Book. Using their cache of already published easy-to-read books, Puffin launched...

[Download Book »](#)