



## Mathematics Education: A Numerical Landscape

By Robert Adjage, Francois Pluvinage

Nova Science Publishers Inc. Hardback. Book Condition: new. BRAND NEW, Mathematics Education: A Numerical Landscape, Robert Adjage, Francois Pluvinage, 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...



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