

INTERACTING WITH ALGEBRA:
MATHEMATICIANS, MATHEMATICS EDUCATORS, AND TEACHERS
MAKING SENSE OF ALGEBRA CONTENT

by
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A Dissertation Submitted to the Faculty of the
DEPARTMENT OF MATHEMATICS
In Partial Fulfillment of the Requirements
For the Degree of
DOCTOR OF PHILOSOPHY
In the Graduate College
THE UNIVERSITY OF ARIZONA

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Interacting With Algebra Mathematicians Mathematics Educators And Teachers Making Sense Of Algebra Content

Author : / **Category :**Uncategorized / **Total Pages :** 167 pages



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Summary : Free interacting with algebra mathematicians mathematics educators and teachers making sense of algebra content pdf download - the study indicated that teachers as compared to the other two groups drew more heavily upon their knowledge of students as they made sense of the algebra problems teachers were at times concerned with the wording of questions as an obstacle for students the mathematicians and mathematics educators put a greater focus on algebraic structure as they discussed the problems whereas the teachers put a greater focus on graphing i connect these findings to the workshop participants views of algebra

Pusblisher : ProQuest on 2009 / **ISBN :** 9781109166538



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teachers' mathematics knowledge beliefs and conceptions ... - ... in teachers' thinking and decision making, ... algebra, functions ... mathematicians, educators, mathematics educators...) duties of a teacher)

an interactive problem solving activity: the cat and the ... - reasoning is interwoven with making sense, and when teachers provide ... as mathematicians and mathematics teachers. ... a question to mathematics educators: ...

tel aviv university the jaime and joan constantiner school ... - the jaime and joan constantiner school of education ... educators and mathematics teachers are ... mathematicians and by novices in mathematics.

using computer algebra to encourage a deep learning ... - using computer algebra to encourage a deep learning approach to calculus ... • interacting critically with content;

the process and impact of implementing performance ... - the process and impact of implementing performance standards in mathematics ... teachers and their mathematics ... teachers in dealing with new content ...

why the professor must be a stimulating teacher - ea.upc - that perhaps it makes no sense to talk about ... of interest for mathematicians who love mathematics and love ... 'a thousand teachers making tiny little ...

building depth of understanding of the concept of number ... - student understanding of number sense and algebra based on ... students to be engaged in mathematics by interacting with their ... mathematics educators in middle ...

challenges of particularity and generality in depicting ... - in classrooms among teachers, ... of euclidean geometry and of algebra. ... ematics educators have had the chance to see how novices to