

CALIFORNIA STATE UNIVERSITY, LONG BEACH

# THE MATHEMATICS COLLOQUIUM

presents

Dr. Lucy Pomerantsev

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**speaking on**

*Algebraic Thinking Skills for Teachers*

**Friday, November 11, 2005**

**12:00PM-1:00PM**

**FO3-200A**

**Abstract:** Understanding algebraic language, symbolic and verbal, is one of the important elements in the transition from arithmetic to algebra, and teachers are supposed to have methods to explain it. The transition from the arithmetical point of view to the algebraic point of view of terminology relates to different stages in the process of learning an abstract notion. Unfortunately, at the present time one of the stages in learning algebraic language is not adequately taught. In this presentation we are trying to supply a missing lesson in the teacher's preparation related to teaching algebraic language.