

“TROUBLE SPOTS IN MATH”

Thomas E. Clark, President of VideoText *Interactive*

author of

“Algebra: A Complete Course” and “Geometry: A Complete Course”

I. INTRODUCTION

- A. Newspapers
- B. Music
- C. Toys
- D. The “aura” of mathematics

II. TYPICAL TROUBLE SPOTS IN MATHEMATICS

- A.
- B.
- C.
- D.
- E.
- F.
- G.

III. WHY WERE THESE TROUBLE SPOTS?

A.

B.

C.

D.

E.

F.

IV. ATTITUDES

A. Personal attitudes

B. Teacher attitudes

C. What will yours be?

V. “MATH LESSONS”

A.

B.

C.

D.

VI. THE SECRET

A. Three stages of learning (at the arithmetic level)

B. Student involvement and articulation

C. No tricks, shortcuts, rules, or formulas

D. Understanding and internalization