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and logical-mathematical thinking skills of students This study was a semi-experimental, pretest-posttest study with two experimental groups and a control groups A total of 75 students were divided among all

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Math CountS column
is Allan Stavelly, who
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linked to the
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M. Stavelly co-

authored this column
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Stavelly, who recently
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In many ways discrete mathematics is more relevant to programming than numerical

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Mathematics is: not just to particular kinds of programming, but to all programming.

Many experienced programmers approach the design of a program by describing its input, output, and internal data objects in the vocabulary of discrete mathematics: sets, sequences,

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Mathematical thinking
is crucial in all areas
of computer science:
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mathematics:

induction, recursion,

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tools to answer typical programming

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Toward Zero-Defect
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describes current methods for writing (nearly) bug-free programs. These methods are based on practices developed at IBM and elsewhere under the name Cleanroom Software Engineering. The successful application of these methods in commercial projects

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Guy" on Weekend Edition with Scott Simon. He writes a popular monthly blog "Devlin's Angle" for the Mathematical Association of America, another blog under the name "profkeithdevlin", and also blogs on various topics for the Huffington Post.

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subjects are centred

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