Computer Algebra: A 32-Year Update

[Invited Software Talk]

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ABSTRACT

I last spoke at a computer algebra conference in August 1981. Since that time I created Mathematica (launched 1988) and Wolfram|Alpha (launched 2009). This talk will survey perspectives on computer algebra gained through these activities, as well as through my work in basic science. I will also describe what I see as being key future directions and aspirations for computer algebra.

Categories and Subject Descriptors

I.1.3 [**Computing Methodologies**]: Symbolic and Algebraic Manipulation—*Languages and Systems*

Keywords

computer algebra