Computer "proofs:" Are they rigorous?

Mathematicians have been grappling, since at least the time of Appel and Haken's famous 1976 computer-assisted proof of the Four Color Theorem, with the role of computers in proving mathematical theorems. At this point, there are many results whose only known proof is something a computer generated and no human can read. We'll address the question: should we consider such results proven?

Math for Everyone is a series of math-related talks, especially for undergraduates. Everyone, from Field's medalists to math phones, is welcome to attend.

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105 Jordan Hall of Science

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