

Formal Abstracts in Mathematics

Abstract: This talk will describe current plans to extend the technology of formal verification to all branches of mathematics (including areas of mathematics of interest at this conference) in a way that will hopefully be useful to mathematicians. A “formal abstract” is a statement of a mathematical theorem in a form that can be read by a computer and expressed formally in terms of the logic of theorem proving software. This talk will give a general introduction to the technology and will indicate where this leads.