

# abc Conjecture and Its Application

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May 1, 2019

Addition and multiplication are fundamental operations in mathematics. However, the relation between them can be intricate. The abc conjecture captures the entanglement with a simplistic beauty. It was proposed by Joseph Oesterl (1988) and David Masser (1985). Despite being young compared to the other famous conjectures, the abc conjecture implies many important results in mathematics including Fermats last theorem and Mordell conjecture. In this talk, we discuss the abc conjecture and its applications.