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The abc Conjecture and the $d(abc)$ Theorem

The abc Conjecture is a central open problem in number theory. It has a wide range of surprising applications, although unconditional progress in the direction of a solution has been difficult and modest. In this talk I will recall some consequences of the abc Conjecture and I will review the existing approaches and unconditional partial progress towards it. Then, I will discuss recent methods that lead to the proof of a new unconditional result in this setting, the $d(abc)$ Theorem.