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Ramanujan and His Amazing Lost Notebook

In 1976 quite by accident, I stumbled across a collection of about 100 sheets of mathematics in Ramanujan's handwriting; they were stored in a box in the Trinity College Library in Cambridge. I titled this collection "Ramanujan's Lost Notebook" to distinguish it from the famous notebooks that he had prepared earlier in his life. On and off for the past 34 years, I have studied these wild and confusing pages. In this talk, I will describe Ramanujan's life and discuss the disappearance of this important work for more than 50 years. I will then provide an elementary description of some of the more surprising discoveries in the Lost Notebook.

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