

## Description

The conference on which these proceedings are based was held at the Chinese University of Hong Kong. It was organized in response to Andrew Wiles' conjecture that every elliptic curve over  $\mathbb{Q}$  is modular. The final difficulties in the proof of the conjectural upper bound for the order of the Selmer group attached to the symmetric square of a modular form, have since been overcome by Wiles with the assistance of R. Taylor. The proof that every semi-stable elliptic curve over  $\mathbb{Q}$  is modular is not only significant in the study of elliptic curves, but also due to the earlier work of Frey, Ribet, and others, completes a proof of Fermat's last theorem.

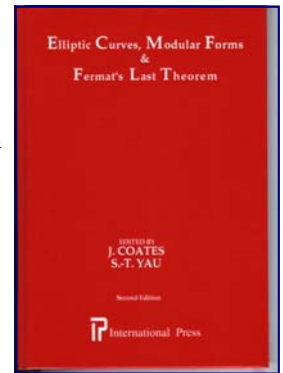
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## Elliptic Curves, Modular Forms, and Fermat's Last Theorem, 2nd Ed.

## Description

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In 1993, a conference was held honoring Raoul Bott on his 70th birthday. Many of his friends and students came from all over the world to celebrate this special occasion. Raoul Bott is a valued member of the Harvard University Department of Mathematics, and a great mathematician. The conference in his honor attracted a large audience over the course of three days. The lectures given during the conference, along with other important mathematical contributions, are presented in this volume in honor of Raoul Bott.

## Geometry, Topology and Physics for Raoul Bott

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