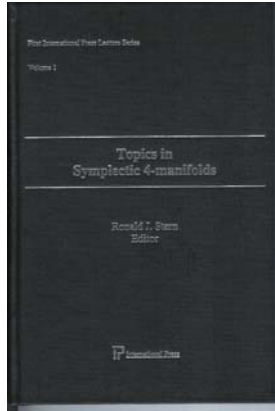


Topics in Symplectic 4-Manifolds (Vol. 1)

Description

The National Science Foundation, International Press, and the University of California at Irvine sponsored the first annual IP Lecture Series. The idea was conceived by Peter Li and S. T. Yau, and the conference was organized by Richard Wentworth and Ronald J. Stern. The conference was attended by more than 200 research mathematicians.

The lecture series in the conference included three one-hour lectures on "Seiberg-Witten and Gromov Invariants" delivered by Clifford Taubes. In addition, ten one-hour invited lectures were delivered by prominent researchers in 4-dimensional smooth and symplectic topology: the speakers included Sir Michael Atiyah, Yasha Eliashberg, Mikio Furuta, Robert Gompf, Peter Kronheimer, Dusa McDuff, Tomas Mrowka, Yongbin Ruan, Gang Tian, and Zoltan Szabo. Six of those lectures are presented in this volume of the series.



Editor: Ronald J. Stern

ISBN: 1-57146-019-5

Year Published: 1998

Binding: Hardcover

Page: 134 pages

Price: reg. \$42, sales **\$19**

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Editor: Shing Tung Yau

ISBN: 1-57146-042-X

Year Published: 1997

Page: 324 pages

Binding: Hardcover

Price: reg. \$42, sales **\$29**

Description

This book documents lectures that were given during seminars that S. T. Yau organized at Tsing Hua University in Taiwan. Mathematicians from around the world were invited to this special event. The speakers included Jürgen Jost, Peter Li, C. H. Lin, Gerhard Huisken and many others.