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A. Dold, Heidelberg

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Subseries: Fondazione C. I. M. E., Firenze

Adviser: Roberto Conti

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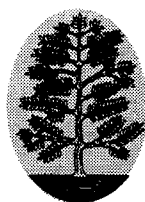
*Tokyo*

S. Kumar G. Laumon U. Stuhler

# Vector Bundles on Curves – New Directions

Lectures given at the 3rd Session of the  
Centro Internazionale Matematico Estivo  
(C.I.M.E.) held in Cetraro (Cosenza), Italy,  
June 19–27, 1995

Editor: M. S. Narasimhan



*Fondazione*  
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Springer

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for Theoretical Physics  
P.O. Box 586  
I-34100 Trieste, Italy

## Cataloging-in-Publication Data applied for

Die Deutsche Bibliothek – CIP-Einheitsaufnahme

### **Centro Internazionale Matematico Estivo <Firenze>:**

Lectures given at the . . . session of the Centro Internazionale Matematico Estivo (CIME) . . . – Berlin;

Heidelberg; New York; London; Paris; Tokyo; Hong Kong; Springer

Fr her Schriftenreihe. – Fr her angezeigt u.d.T.: Centro Internazionale Matematico Estivo: Proceedings of the . . . session of the Centro Internazionale Matematico Estivo (CIME)

NE: HST 1995,3. Vector bundles on curves. – 1996

**Vector bundles on curves:** new directions; held in Cetraro (Cosenza), Italy, June 19–27, 1995/S. Kumar . . .

Ed.: M. S. Narasimhan. – Berlin; Heidelberg; New York; Barcelona; Budapest; Hong Kong; London; Milan;

Paris; Santa Clara; Singapore; Tokyo: Springer, 1996

(Lectures given at the . . . session of the Centro Internazionale Matematico Estivo (CIME) . . . ; 1995,3)

(Lecture notes in mathematics; Vol. 1649: Subseries: Fondazione CIME)

ISBN 3-540-62401-5

NE: Kumar, Shrawan; Narasimhan, Madumbai S. [Hrsg.]; 2. GT

Mathematics Subject Classification (1991): Primary: 14F05

Secondary: 11R39, 11G09, 14D20

ISSN 0075-8434

ISBN 3-540-62401-5 Springer-Verlag Berlin Heidelberg New York

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Printed in Germany

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Typesetting: Camera-ready  $T_E X$  output by the authors

SPIN: 10520280 46/3142-543210 - Printed on acid-free paper

## P R E F A C E

The Third 1995 C.I.M.E. Session:

"Vector Bundles on Curves: New Directions" was held in Grand Hotel San Michele, Cetraro (Cosenza) from 19 to 27 June 1995.

The exciting work of Drinfeld and the recent remarkable insights coming from Theoretical Physics have opened up new directions in the study of vector bundles on curves. The purpose of the session was to give a survey of some of these recent developments.

There were three series of lectures:

- 1) Kac-Moody Groups, Their Flag Varieties and Moduli Spaces of G-Bundles, by Shrawan Kumar;
  - 2) Drinfeld Shtukas, by G. Laumon
- and
- 3) Drinfeld Modules and Elliptic Sheaves, by U. Stuhler.

The text of the lectures on the third topic was written by U. Stuhler jointly with A. Blum.

M.S. Narasimhan  
ICTP

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