



1st ed. 2017, VII, 852 p. 16 illus., 9 illus. in color.

Printed book

Hardcover

169,99 € | £149.99 | \$219.99

^[1]181,89 € (D) | 186,99 € (A) | CHF 200,50

Softcover

169,99 € | £149.99 | \$219.99

^[1]181,89 € (D) | 186,99 € (A) | CHF 200,50

eBook

139,09 € | £119.50 | \$169.00

^[2]139,09 € (D) | 139,09 € (A) | CHF 160,00

Available from your library or springer.com/shop

MyCopy ^[3]

Printed eBook for just

€ | \$ 24.99

springer.com/mycopy

Victor W. Guillemin, Johannes Sjöstrand (Eds.)

Louis Boutet de Monvel, Selected Works

Series: Contemporary Mathematicians

- Allows reader to access selected and grouped works by Louis Boutet de Monvel
- Conveys Boutet de Monvel's elegant vision of mathematics
- how an idea is presented and elaborated on through successive papers
- Introduces topics covered by Boutet de Monvel's papers

This book features a selection of articles by Louis Boutet de Monvel and presents his contributions to the theory of partial differential equations and analysis. The works selected here reveal his central role in the development of his field, including three cornerstones: firstly, analytic pseudodifferential operators, which have become a fundamental aspect of analytic microlocal analysis, and secondly the Boutet de Monvel calculus for boundary problems for elliptic partial differential operators, which is still an important tool also in index theory. Thirdly, Boutet de Monvel was one of the first people to recognize the importance of the existence of generalized functions, whose singularities are concentrated on a single ray in phase space, which led him to make essential contributions to hypoelliptic operators and to a very successful and influential calculus of Toeplitz operators with applications to spectral and index theory. Other topics treated here include microlocal analysis, star products and deformation quantization as well as problems in several complex variables, index theory and geometric quantization. This book will appeal to both experts in the field and students who are new to this subject.

Order online at springer.com / or for the Americas call (toll free) 1-800-SPRINGER / or email us at: customerservice@springernature.com. / For outside the Americas call +49 (0) 6221-345-4301 / or email us at: customerservice@springernature.com.

The first € price and the £ and \$ price are net prices, subject to local VAT. Prices indicated with [1] include VAT for books; the €(D) includes 7% for Germany, the €(A) includes 10% for Austria. Prices indicated with [2] include VAT for electronic products; 19% for Germany, 20% for Austria. All prices exclusive of carriage charges. Prices and other details are subject to change without notice. All errors and omissions excepted. [3] No discount for MyCopy.

