

Librería
Bonilla y Asociados
desde 1950



Título: Wave Front Of Solutions To Sums Of Squares Of Vector Fields

Autor: Albano, Paolo; Antonio Bove

Precio: \$905.61

Editorial:

Año: 2013

Tema:

Edición: 1^a

Sinopsis

ISBN: 9780821875704

The authors study the (micro)hypoanalyticity and the Gevrey hypoellipticity of sums of squares of vector fields in terms of the Poisson-Treves stratification. The FBI transform is used. They prove hypoanalyticity for several classes of sums of squares and show that their method, though not general, includes almost every known hypoanalyticity result. Examples are discussed.

Table of Contents

- !Introduction
- !The Poisson-Treves stratification
- !Standard forms for a system of vector fields
- !Nested strata
- !Bargman pseudodifferential operators
- !The "a priori" estimate on the FBI side
- !A single symplectic stratum
- !A single nonsymplectic stratum
- !Microlocal regularity in nested strata
- !Known cases and examples
- !Appendix A. A bracket lemma
- !Appendix B. Nonsymplectic strata do not have the reproducing bracket property
- !Bibliography
- !Index