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Nota di contenuto	Front matter -- Preface -- Preface to the English edition -- Acknowledgements -- Contents -- Introduction -- Chapter 1. Interpolation and Hörmander spaces -- Chapter 2. Hörmander spaces on closed manifolds and their applications -- Chapter 3. Semihomogeneous elliptic boundary-value problems -- Chapter 4. Inhomogeneous elliptic boundary-value problems -- Chapter 5. Elliptic systems -- Bibliography -- Index
Sommario/riassunto	The monograph gives a detailed exposition of the theory of general elliptic operators (scalar and matrix) and elliptic boundary value problems in Hilbert scales of Hormander function spaces. This theory was constructed by the authors in a number of papers published in 2005-2009. It is distinguished by a systematic use of the method of interpolation with a functional parameter of abstract Hilbert spaces and Sobolev inner product spaces. This method, the theory and their applications are expounded for the first time in the monographic literature. The monograph is written in detail and in a