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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	An Example -- The Model and Preliminaries -- Moment Problems and Exact Controllability -- Controllability of the Wave Equation -- Systems with Persistent Memory: Controllability via Moment Methods -- Systems with Persistent Memory: The Observation Inequality.
Sommario/riassunto	The subject of the book includes the study of control problems for systems which are encountered in viscoelasticity, non-Fickian diffusion and thermodynamic with memory. The common feature of these systems is that memory of the whole past history persists in the future. This class of systems is actively studied now, as documented in the recent book. This book will attract a diversified audience, in particular, engineers working on distributed systems, and applied mathematicians. Background of mathematics are the elements of functional analysis, which is now standard among people working on distributed systems, and the author describes very clearly the instruments which are used at every step.