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Titolo	Operator Theory / / edited by Daniel Alpay
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Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	General aspects of quaternionic and Clifford analysis -- Further developments of quaternionic and Clifford analysis -- Infinite dimensional analysis -- Non-commutative theory -- Multivariable operator theory -- Reproducing kernel Hilbert spaces -- de Branges spaces -- Indefinite inner product spaces -- Schur analysis -- Linear system theory.
Sommario/riassunto	A one-sentence definition of operator theory could be: The study of (linear) continuous operations between topological vector spaces, these being in general (but not exclusively) Fréchet, Banach, or Hilbert spaces (or their duals). Operator theory is thus a very wide field, with numerous facets, both applied and theoretical. There are deep connections with complex analysis, functional analysis, mathematical physics, and electrical engineering, to name a few. Fascinating new applications and directions regularly appear, such as operator spaces, free probability, and applications to Clifford analysis. In our choice of

the sections, we tried to reflect this diversity. This is a dynamic ongoing project, and more sections are planned, to complete the picture. We hope you enjoy the reading, and profit from this endeavor.