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Titolo	Organic synthesis via examination of selected natural products [[electronic resource] /] / David J. Hart
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; Preface; Chapter 1 Introduction; Chapter 2 Steroids; Chapter 3 Prostaglandins; Chapter 4 Pyrrolizidine Alkaloids; Chapter 5 Juvabione and the Vicinal Stereochemistry Problem; Chapter 6 Functional Group Reactivity Patterns and Difunctional Relationships; Chapter 7 Some Unnatural Products - Twistane and Triquinacene; Chapter 8 Alkaloids - Difunctional Relationships and the Importance of the Mannich Reaction; Chapter 9 Alkaloids from "Dart-Poison" Frogs; Chapter 10 Morphine and Oxidative Phenolic Coupling; Chapter 11 Olefin Synthesis and Cecropia Juvenile Hormone Chapter 12 A Recent Example of Structure Determination Through Total Synthesis and Convergent Syntheses: Lasonolide A Chapter 13 Ionophores: Calcimycin; Chapter 14 Erythromycin A Aglycone; Concluding Remarks; Index
Sommario/riassunto	Complete with problems and solutions, this book is written for advanced graduate and undergraduate students to expose them to a variety of strategies for the synthesis of organic compounds. This is done largely within the context of natural products synthesis, but includes some unnatural products synthesis. Multiple approaches to each group of synthesis targets are presented, and the approaches are compared with one another with an eye on similarities and differences.

General problems in organic synthesis (for example, strategies for the preparation of 6-membered rings and 5-membered rings, th
