1. Record Nr. UNINA9910156339503321

| | |
|---|---|
| Autore | Jevti Miroljub |
| Titolo | Taylor coefficients and coefficient multipliers of Hardy and Bergman-type spaces / / by Miroljub Jevti, Dragan Vukoti, Miloš Arsenovi |
| Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016 |
| Edizione | [1st ed. 2016.] |
| Descrizione fisica | 1 online resource (XVI, 323 p.) |
| Collana | RSME Springer Series, , 2509-8888 ; ; 2 |
| Disciplina | 515.73 |
| Soggetti | Functions of complex variables<br>Functional analysis<br>Operator theory<br>Functions of a Complex Variable<br>Functional Analysis<br>Operator Theory |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references at the end of each chapters and index. |
| Nota di contenuto | 1 Basic Spaces. Multipliers -- 2 The Poisson Integral -- 3 Subharmonic and h-subharmonic Functions -- 4 Hardy Spaces of Analytic Functions -- 5 Carleson Measures, Mean Oscillation Spaces and Duality -- 6 Polynomial Approximation and Taylor Coefficients of Hp Functions -- 7 The Mixed Norm Spaces Hp,q, -- 8 Hp,q, as a Sequence Space -- 9 Tensor Products and Multipliers -- 10 Duality and Multipliers -- 11 Multipliers From Hp and Hp,q, Spaces to s -- 12 Multiplier Spaces (Hp,q,,Hu,v,) and (Hp,Hu) -- 13 Multipliers of Some Large Spaces of Analytic Functions -- 14 The Hilbert Matrix Operator. |
| Sommario/riassunto | This book provides a systematic overview of the theory of Taylor coefficients of functions in some classical spaces of analytic functions and especially of the coefficient multipliers between spaces of Hardy type. Offering a comprehensive reference guide to the subject, it is the first of its kind in this area. After several introductory chapters covering the basic material, a large variety of results obtained over the past 80 years, including the most recent ones, are treated in detail. Several |

chapters end with discussions of practical applications and related topics that graduate students and experts in other subjects may find useful for their own purposes. Thus, a further aim of the book is to communicate to non-specialists some concrete facts that may be of value in their own work. The book can also be used as a textbook or a supplementary reference for an advanced graduate course. It is primarily intended for specialists in complex and functional analysis, graduate students, and experts in other related fields.