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Altri autori (Persone)	FitzGeraldCarl H (Carl Hanson) GongSheng <1930->
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Nota di contenuto	Preface; Contents; Subriemannian geometry and subelliptic partial differential equations (by Der-Chen Chang, Peter C. Greiner and Jingzhi Tie); Defective values of double Meissel's formula and reduction of space-time requirement of Meissel-Lehmer-Lagarias-Odlyzko's algorithm an experimental program to find T(1021) (by Chen Guangxiao); Hardy space of holomorphic functions in infinite complex variables (by Zeqian Chen); The law of the iterated logarithm for pluriharmonic functions in the unit ball of Cn (by Zeqian Chen, Caiheng Ouyang) Proper holomorphic mappings between some generalized Hartogs triangles (by Zhihua Chen)Semigroups of holomorphic mappings with boundary fixed points and spirallike mappings (by Mark Elin and David Shoikhet); Invariant mappings in geometric function theory (by Carl H. FitzGerald); The Cauchy Theorem for domains of arbitrary connectivity

in Ftiemann surfaces (by P. M. Gauthier); The distortion theorems for convex mappings in several complex variables (by Sheng Gong); Anti-holomorphiclly reversible holomorphic maps that are not holomorphically reversible (by Xianghong Gong)
Basic properties of Loewner chains in several complex variables (by Ian Graham, Gabriela and Mirela Kohr)The Euler-Lagrange cohomology on symplectic manifolds (by Han-Ying Guo, Jianzhong Pan, Ke Wu and Bin Zhou); A new inequality and its applications (by Hu Ke); Extended Cesbro operators on the Bloch space in the unit ball of Cn (by Hu, Zhangjian); On the criteria for Schatten von Neumann class of composition operators on Hardy and Bergman spaces in domains in Cn (by Song-Ying Li)
The higher order linear partial differential integral equations on closed smooth manifolds in Cn (by Liangyu Lin, Chunhui Qiu and Yusheng Huang)The new characteristics for spirallike mappings of type a on bounded balanced pseudoconvex domains (by Hao Liu); The growth and 1/2-covering theorems for quasi-convex mappings (by Taishun Liu and Wenjun Zhang); Intermediate value theorem for functions of classes of Riemann surfaces (by Makoto Masumoto); Integral formula for differential forms of type (P, Q) on complex Finsler manifolds (by Chunhui Qui and Tongde Zhong)
Holomorphic mappings of domains in Cn onto convex domains (by Ted J. Suffridge)Rigidity of proper holomorphic mappings between bounded symmetric domains (by Zhen-Han Tu); A Hadamard theorem on algebraic curves (by Shi-Kun Wang and Hui-Ping Zhang); Hodge-Laplace operator on complex Finsler manifolds (by Chunping Zhong and Tongde Zhong); Weighted composition operators on the Lipschitz space in polydiscs (by Zehua Zhou)

Sommario/riassunto

The papers contained in this book address problems in one and several complex variables. The main theme is the extension of geometric function theory methods and theorems to several complex variables. The papers present various results on the growth of mappings in various classes as well as observations about the boundary behavior of mappings, via developing and using some semi group methods.