

1. Record Nr.	UNINA9910480982503321
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Titolo	Analytic quotients : theory of liftings for quotients over analytic ideals on the integers // Ilijas Farah
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [2000] ©2000
ISBN	1-4704-0293-9
Descrizione fisica	1 online resource (201 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; number 702
Disciplina	510 s 511.3/22
Soggetti	Set theory Algebra, Boolean Lifting theory Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	<p>""Contents""; ""Preface""; ""Acknowledgments""; ""A note to the reader""; ""Introduction""; ""Chapter 1. Baire-measurable homomorphisms of analytic quotients""; ""1.1. Introduction""; ""1.2. Ideals induced by submeasures""; ""1.3. Preorderings on analytic quotients""; ""1.4. The Radona€?Nikodym property""; ""1.5. Asymptotically additive liftings""; ""1.6. The Radona€?Nikodym property of Fin and $\text{Fin} \times 0$""; ""1.7. A reformulation of Todorcevic's hypothesis""; ""1.8. Approximate homomorphisms and non-pathological submeasures""; ""1.9. The lifting theorem and the non-lifting theorem""</p> <p>""1.10. Permanence properties of quotients""""1.11. Simple FI? P-ideals which are not summable""; ""1.12. The structure of summable ideals""; ""1.13. The structure of density ideals""; ""1.14. Remarks and questions""; ""Chapter 2. Open Coloring Axiom and uniformization""; ""2.1. Why Open Coloring Axiom?""; ""2.2. Coherent families of partial functions""; ""2.3. Coherent families of partitions""; ""2.4. $a_{\text{sub}(2)}$-reflection for coherent families""; ""2.5. Remarks and questions""; ""Chapter 3. Homomorphisms of analytic quotients under OCA""; ""3.1.</p>

Introduction

3.2. Homomorphisms without Baire-measurable liftings; 3.3. Almost liftings and lifting theorems; 3.4. Applications: rigidity of analytic quotients; 3.5. Applications: quotients embeddable into analytic quotients; 3.6. Automorphism groups; 3.7. Homogeneity of analytic quotients; 3.8. Almost liftings of embeddings into $P(N)/Fin$; 3.9. Almost liftings of embeddings into $P(N^{(2)})/Fin \times 0$; 3.10. Nonmeager hereditary sets; 3.11. Approximate homomorphisms; more on stabilizers; 3.12. A local version of the OCA lifting theorem; 3.13. The proof of the OCA lifting theorem for the analytic P-ideals; 3.14. Remarks and questions; Chapter 4. Weak Extension Principle; 4.1. Introduction; 4.2. Dependence of functions on their variables; 4.3. Prime mappings; 4.4. Autohomeomorphisms of finite powers of I_w and w^* ; 4.5. Čech-Stone remainders of countable ordinals; 4.6. Some Parovicenko spaces under wEP ; 4.7. Remainders of locally compact, countable spaces; 4.8. Almost liftings and duality; 4.9. OCA and MA imply wEP ; 4.10. Versions of wEP ; 4.11. Remarks and questions; Chapter 5. Gaps and limits in analytic quotients; 5.1. Introduction; 5.2. Gaps in the quotient over Fin ; 5.3. Gaps in the quotient over $0 \times Fin$; 5.4. Gaps in the quotient over $Fin \times 0$; 5.5. The Todorćević separation property, TSP; 5.6. Tukey reductions of nonlinear gaps; 5.7. TSP in quotients over analytic P-ideals; 5.8. Quotients as reduced products; 5.9. Preservation of gaps; 5.10. An analytic Hausdorff gap; 5.11. Limits in analytic quotients; 5.12. A coherent family of functions; 5.13. Remarks and questions; Bibliography; Index; A
