1. Record Nr. UNINA9910813654003321 Autore Farah Ilijas <1966-> Titolo Analytic quotients: theory of liftings for quotients over analytic ideals on the integers / / Ilijas Farah Providence, Rhode Island: .: American Mathematical Society, . [2000] Pubbl/distr/stampa ©2000 1-4704-0293-9 **ISBN** Descrizione fisica 1 online resource (201 p.) Memoirs of the American Mathematical Society, , 0065-9266 ; ; number Collana 702 Disciplina 510 s 511.3/22 Soggetti Set theory Algebra, Boolean Lifting theory 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. ""Contents""; ""Preface""; ""Acknowledgments""; ""A note to the reader""; Nota di contenuto ""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 Fin x0""; ""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"" ""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??[sub(2)]reflection for coherent families""; ""2.5. Remarks and questions"";

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