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Nota di contenuto	Contents -- Preface -- K-Theory For Operator Algebras. Classification Of C*-Algebras -- 1. Introduction -- 2. The Cuntz Semigroup: Definitions, Historical Origin And Technical Devices -- 3. Hilbert C*-Modules. Kasparov'S Theorem -- 4. The Category Cu -- 5. Classification Of C*-Algebras -- References -- Modular Theory By Example -- 1. Introduction -- 2. Modular Theory: Definitions, Results And First Examples -- 3. Modular Objects For A Crossed Product -- 4. Modular Objects For The Car-Algebra -- 5. Some Classical Applications Of Modular Theory -- 6. Appendix: Crossed Products And The Car-Algebra -- References -- Modular Theory For The Von Neumann Algebras Of Local Quantum Physics -- 1. Introduction -- 2. Free Quantum Fields And Local Quantum Theories -- 3. Bisognano-Wichmann Relations. -- 4. Modular Covariance And Modular Localization. -- References -- The Symbiosis Of C*- And W*-Algebras -- Appendix: Basic Definitions And Results For Operator Algebras -- 1. Introduction -- 2. C*-Algebras -- 3. Von Neumann Algebras -- References.

