

1. Record Nr.	UNISA996466616303316
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Titolo	Uniqueness of the injective III <sub>1</sub> factor // Steve Wright
Pubbl/distr/stampa	Berlin ; ; Heidelberg : , : Springer-Verlag, , 1989
ISBN	3-540-46903-6
Edizione	[1st ed. 1989.]
Descrizione fisica	1 online resource (VI, 114 p.)
Collana	Lecture Notes in Mathematics ; ; Volume 1413
Disciplina	512.55
Soggetti	Von Neumann algebras Factors (Algebra)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Sommario/riassunto	Based on lectures delivered to the Seminar on Operator Algebras at Oakland University during the Winter semesters of 1985 and 1986, these notes are a detailed exposition of recent work of A. Connes and U. Haagerup which together constitute a proof that all injective factors of type III <sub>1</sub> which act on a separable Hilbert space are isomorphic. This result disposes of the final open case in the classification of the separably acting injective factors, and is one of the outstanding recent achievements in the theory of operator algebras. The notes will be of considerable interest to specialists in operator algebras, operator theory and workers in allied areas such as quantum statistical mechanics and the theory of group representations.