

1. Record Nr.	UNINA9910817120503321
Autore	Babbitt Donald G.
Titolo	Deformations of nilpotent matrices over rings and reduction of analytic families of meromorphic differential equations / / Donald G. Babbitt and V.S. Varadarajan
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , 1985 ©1985
ISBN	1-4704-0738-8
Descrizione fisica	1 online resource (157 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; Number 325
Disciplina	515.3/54
Soggetti	Differential equations, Linear Functions, Meromorphic Singularities (Mathematics) Matrices Rings (Algebra)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"May 1985, volume 55, number 325 (first of 2 numbers)."
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""CONTENTS""; ""1. INTRODUCTION""; ""NILPOTENT MATRICES OVER INTEGRAL DOMAINS: STRUCTURE AND DEFORMATION""; ""2. The invariants $I_{\text{sub}(j)}$ ""; ""3. Local deformations of endomorphisms and modules over discrete valuation rings""; ""4. Upper semicontinuity of I . Structure of deformations with constant I .""; ""5. Admissible nilpotents and their transversal deformations""; ""REDUCTION THEORY OF CONNECTIONS OVER INTEGRALLY CLOSED NOETHERIAN DOMAINS""; ""6. Generalities and preliminaries""; ""7. Connections over Dedekind domains"" ""8. The general case: reduction in the category of differential modules""""REDUCTION OF CONNECTIONS OVER $I_{\text{sub}(d)}$ ""; ""9. The main theorem for well-behaved connections over $I_{\text{sub}(d)}$ ""; ""10. Reduction of regulated connections""; ""APPENDIX""; ""REFERENCES""