

1. Record Nr.	UNISA996466598903316
Titolo	Seminar on differential equations and dynamical systems / / edited by G. Stephen Jones
Pubbl/distr/stampa	Berlin ; ; Heidelberg : , : Springer-Verlag, , [1968] ©1968
ISBN	3-540-35862-5
Edizione	[1st ed. 1968.]
Descrizione fisica	1 online resource (VIII, 108 p.)
Collana	Lecture Notes in Mathematics ; ; Volume 60
Classificazione	34-06
Disciplina	515.35
Soggetti	Differential equations Stability Control theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Recent results in perturbation theory -- The existence of critical points in generalized dynamical systems -- Stability and existence of periodic and almost periodic solutions -- Asymptotic equivalence -- Extending Liapunov's second method to non-lipschitz Liapunov functions -- Characterizing solutions of the pontriagin maximum principle -- Liapunov functions and the existence of solutions tending to 0 -- Fundamental matrix in linear functional differential equations -- Asymptotic stability for functional differential equations -- The use of Liapunov functions for global existence -- A remark on a result of Strauss -- Single species model for population growth depending on past history -- An extension of Chetaev's instability theorem using invariant sets and an example.