

1. Record Nr.	UNISA996466867103316
Autore	Schaaf Renate <1951->
Titolo	Global solution branches of two point boundary value problems // Renate Schaaf
Pubbl/distr/stampa	Berlin ; ; Heidelberg : , : Springer-Verlag, , [1990] ©1990
ISBN	3-540-46742-4
Edizione	[1st ed. 1990.]
Descrizione fisica	1 online resource (XXII, 146 p.)
Collana	Lecture Notes in Mathematics ; ; 1458
Classificazione	34B25
Disciplina	515.35
Soggetti	Nonlinear boundary value problems Bifurcation theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Dirichlet branches bifurcating from zero -- Neumann problems, period maps and semilinear dirichlet problems -- Generalizations -- General properties of time maps.
Sommario/riassunto	The book deals with parameter dependent problems of the form $u'' + f(u) = 0$ on an interval with homogeneous Dirichlet or Neuman boundary conditions. These problems have a family of solution curves in the $(u, *)$ -space. By examining the so-called time maps of the problem the shape of these curves is obtained which in turn leads to information about the number of solutions, the dimension of their unstable manifolds (regarded as stationary solutions of the corresponding parabolic problem) as well as possible orbit connections between them. The methods used also yield results for the period map of certain Hamiltonian systems in the plane. The book will be of interest to researchers working in ordinary differential equations, partial differential equations and various fields of applications. By virtue of the elementary nature of the analytical tools used it can also be used as a text for undergraduate and graduate students with a good background in the theory of ordinary differential equations.

2. Record Nr.	UNINA9910164731603321
Autore	Mittal K. L.
Titolo	Adhesion Measurement of Thin Films, Thick Films, and Bulk Coatings
Pubbl/distr/stampa	[Place of publication not identified], : American Society for Testing & Materials, 1978
ISBN	0-8031-5546-8
Descrizione fisica	1 online resource (402 pages)
Disciplina	541.3453
Soggetti	Adhesion
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Sommario/riassunto	Twenty-Five papers review and asses current measurement techniques, define problem areas and galvanize increased interest in developing better and more veritable techniques for adhesion measurement for thin films, thick films, and deposits and coatings.