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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
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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 prob- lem) 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.

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Autore	ABBOZZO, Paolo
Titolo	L'IMPATTO delle agro-tecnologie nel bacino del tever : Criteri per la Valutazione di impatto ambientale : primo contributo / a cura di Paolo Abbozzo ; Vincenzo G.G. Mennella
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Lingua di pubblicazione	Italiano
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