Averaging Methods In Nonlinear Dynamical Systems

Author : Jan A Sanders Ferdinand Verhulst James Murdock / **Category :** Mathematics / **Total Pages** : 434 pages

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Summary : Free averaging methods in nonlinear dynamical systems pdf download - perturbation theory and in particular normal form theory has shown strong growth in recent decades this book is a drastic revision of the first edition of the averaging book the updated chapters represent new insights in averaging in particular its relation with dynamical systems and the theory of normal forms also new are survey appendices on invariant manifolds one of the most striking features of the book is the collection of examples which range from the very simple to some that are elaborate realistic and of considerable practical importance most of them are presented in careful detail and are illustrated with illuminating diagrams

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