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<th>Title</th>
<th>The Road to Chaos (List of Publications in English on Nonlinear Dynamics, Postscript, Curriculum Vitae of Yoshisuke Ueda)</th>
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<tr>
<td>Author(s)</td>
<td>Ueda, Yoshisuke; Abraham, Ralph H.; Stewart, H. Bruce</td>
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<tr>
<td>Citation</td>
<td>Aerial Press. (1992)</td>
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<tr>
<td>Issue Date</td>
<td>1992</td>
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<tr>
<td>URL</td>
<td><a href="http://hdl.handle.net/2433/71101">http://hdl.handle.net/2433/71101</a></td>
</tr>
<tr>
<td>Rights</td>
<td>Copyright© by Aerial Press</td>
</tr>
<tr>
<td>Type</td>
<td>Book</td>
</tr>
<tr>
<td>Textversion</td>
<td>publisher</td>
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Kyoto University
LIST OF PUBLICATIONS IN ENGLISH ON NONLINEAR DYNAMICS


POSTSCRIPT

I realize that leaving one's own writing behind may be like leaving one's inadequacies behind. Yet it would still be nice to be able to leave some mark of my existence in this world, or rather, to be rid of my inferiority complex for not penning one single book after being a university educator and researcher for so long. It is true, I have written numerous research papers, but at this time of my life, I never even dreamed of publishing a collection of my papers.

The publication of this book was made possible by the suggestion and planning of Professor Ralph Abraham of the University of California, Santa Cruz, and by the generous assistance of Dr. Bruce Stewart of the Brookhaven National Laboratory. It was November of 1991 when Prof. Abraham informed me of his desire to publish a collection of the reprints of my papers written in English. The first thing that came to my mind at that time was my limited English. Whenever I needed to write papers in English, I first made a pile in front of me of English textbooks and papers on the pertinent subject. Then I fished around for the sentences that seemed to say what I wanted to say is true to this day). It took a great amount of time. Though frustrated when the borrowed sentences were not quite right, I often had to make compromises. Now that they are going to be published, it seemed to me to be an opportune time to reexamine my English writings, at least those with no formal reprints (Selections 1 through 3). When asked to take on this task, Dr. Bruce Stewart, with whom I am presently conducting collaborative research, graciously agreed, and has gone through them not only once but twice. I requested that the reexamination be limited only to my English expressions, and that the contents of the papers be left at the level of my understanding of the subject at the time they were written. He followed this request to the letter, but somehow came up with a page of additions. They were truly reasonable additions, but my stubborn principles won, and I had to remove some parts of them without his knowledge.

I have appended a list of my achievements at the end of this book; six of the papers (Selections 1 through 6) in the list, and a memoir (Selection 7) reminiscing on those days when I was writing the papers are included in the book. As the readers can see from Selection 7, I was quite defiant at that time, believing in my honest observations with little regard to other people's opinions. I firmly believed that what I saw was not quasi-periodicity at all, and that my papers should be nothing other than the product of my belief in
the unadulterated observations I made. I felt I could not help it if they seemed erroneous to others, especially to those who had never actually done the work themselves. My credo was that the true worth of research is not decided by majority rule. It was truly a stroke of luck that the results of my research finally met acceptance when chaos garnered the center stage in the late 1970s. Since 1980, however, my work has been mostly supplementary clarification of my original observations. Thanks to Drs. Abraham and Stewart, the publication of my works will bring to a conclusion my past 55 years, and will give me an opportunity to start afresh.

I would like to express my deepest gratitude to Professor Abraham and Dr. Stewart who gave this book a wonderful title, led me through this project with great patience, and made it all come true. I would also like to thank my wife, Miyoko, for her patience and understanding through these years.

Yoshisuke Ueda
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CURRICULUM VITAE OF YOSHI SUKE UEDA

December 23, 1936  Born in Kobe City
1959   Graduated Kyoto University,
       B.E. degree in Electrical Engineering
1964   Finished Graduate School of Engineering,
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1965   D.E. degree from the Faculty of Engineering,
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1964-1967  Instructor of Electrical Engineering,
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1967-1971  Lecturer of Electrical Engineering,
           Kyoto University
1971-1985  Associate Professor of Electrical Engineering,
           Kyoto University
1982-1984  Chairman of the Professional Group on Nonlinear
           Problems, Institute of Electronics, Information
           and Communication Engineers of Japan
1985-  Professor of Electrical Engineering,
       Kyoto University
1989-1992  Chairman of the Professional Group on Rotating
           Machines, Institute of Electrical Engineers
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1991-  Member of the Advisory Board of an Interdisci-
       plinary Journal of Nonlinear Science: CHAOS
       (American Institute of Physics)
1991-  Member of the Editorial Board of the International
       Journal of Bifurcation and Chaos
1991-  Member of the Honorary Editors of the International
       Journal of Chaos, Solitons and Fractals
1992-  Member of the board of directors, Institute of
       Electrical Engineers of Japan