

1. Record Nr.	UNINA9910438045403321
Autore	Rodriguez Vilamitjana Enric
Titolo	Chaos in switching converters for power management : designing for prediction and control // Enric Rodriguez Vilamitjana, Abdelali El Aroudi, Eduard Alarcon
Pubbl/distr/stampa	New York, : Springer, c2013
ISBN	1-283-62239-4 9786613934840 1-4614-2128-4
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (180 p.)
Altri autori (Persone)	El AroudiAbdelali AlarconEduard
Disciplina	621.317
Soggetti	Electric current converters - Design Switching circuits - Design Chaotic behavior in systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 167-173) and index.
Nota di contenuto	Introduction -- Complex Behavior of VMC Buck Converter: Characterization -- Design-Oriented Models for Predicting Instabilities in a Buck Switching Power Converter -- Control of FSI in Switching Power Converters -- Extension to Alternative Topologies and Functionalities Aiming Power Management Integrated Circuits.
Sommario/riassunto	This book addresses the need for models and techniques to predict stability boundaries, given trends toward miniaturization of switching power supplies in battery-operated portable devices, which lead to the exhibition of fast-scale chaotic instabilities. The authors describe a method to predict stability boundaries from a design-oriented perspective, which captures the effect of the different parameters of the system upon the particular boundary. Unlike previous methods involving complex analysis based on the discrete-time mathematical model, the method introduced here allows for prediction of the overall stability boundaries within the complete design space and is based upon a simple design-oriented index. Provides a valuable reference to the field of nonlinear dynamical behavior and bifurcation analysis and

control of switch-mode power supplies. Shows limitations of existing models for predicting chaotic instabilities in switching power converters; Describes a new approach to predict instabilities from a simple, ripple-based index, showing the effect of different converter parameters on stability boundaries; Provides a design-oriented model able to predict concurrently both slow-scale and fast-scale instabilities; Enables readers to understand the causes of chaos and design new chaos controllers for switching power converters.

2. Record Nr.	UNINA9910163100503321
Autore	Larkey ArieH
Titolo	A Townhouse in Jerusalem
Pubbl/distr/stampa	Jerusalem, : Gefen Publishing House, 1999
ISBN	965-229-718-6
Descrizione fisica	1 online resource (440 p.)
Disciplina	956.94/004924073
Soggetti	Jews, American - Israel Immigrants - Israel Regions & Countries - Asia & the Middle East History & Archaeology Middle East Israel Biography Israel Emigration and immigration Biography United States Emigration and immigration Biography
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Cover Page; Title Page; Copyrights Page; Dedication Page; Table of Contents; Acknowledgments; Author'S Preface; Part I: From A Cozy "Ghetto" in Newark...; 1. On Being A Jew, the Early Years; 2. The U.S. Army; Episode #1 - Basic Training; Episode #2 - A Tour of Duty in Germany; Episode #3 - Other Recollections; Interlude: Homecoming; 3. "Mrs. Robinson"; Interlude: A Brief Encounter; 4. One BLT On Toast and Hold the Mayo; 5. "Marlboro Country"; 6. California, "the Last Frontier";

Interlude: "Old" Friends; 7. "There's More Than One Way to Skin A Cat - But it Ain't Easy"; 8. "S.O.M."
9. "Forbidden Fruits" and Other Tempting Morsels
10. For the Wrong Reasons; Interlude: Random Thoughts and Questions; 11. And Then,... Some More Questions; 12. A Stranger in My Own Land; 13. "Aliyah" - A Viable Option?; Part II: To An Enchanting Mosaic in Jerusalem; Prologue: The Voyage; 14. The Absorption Process; 15. Implementing My Plan; Interlude: "Leaving the Nest"; 16. Communal Living; Interlude: Reactions, Ramifications, and Realities; 17. Neither Here, Nor There; 18. The Yom Kippur War; Interlude: Ode to A Friend; 19. No Longer A Stranger In My Own Land; 20. Hanging Out My Own Shingle
21. Reserve Duty In The I.D.F. - Excerpts and Anecdotes
22. "A House Divided"; 23. Alone; Interlude: A Letter Never Sent; 24. A Place Called Ansar; 25. Recovery and Rebuilding; 26. The House On The Street of Stairs; Epilogue: the Price Of Aliyah - Update and Evaluation; Appendix: The Jewish Odyssey; 1. Historical Perspective of The People and Their Land; The People; The Land; 2. Resettlement Of The Land - A Brief History; 3. North American Aliyah - A Unique Contribution

Sommario/riassunto

An American Jew finds himself out of time and place growing up in a Jewish "ghetto" in Newark, where assimilation was the unspoken though expected goal. The young Larkey reacts with confusion and soul-searching as he strives for that seemingly ideal American dream. His ultimate rejection of the norm results in an astonishing change of direction and location, which the older Larkey describes in vivid detail as he recalls his journey and survival in a new and different society.
