" This book provides a significant contribution to the field of neural networks. Its major contribution is bringing the reader up to a working understanding of the state-of-the-art in applying neural nets and related new technologies to financial decision-making. What sets this book apart from other publications in this field is the level of detail and realism in describing real-world financial applications. Without the unique capabilities and commitment of Guido Deboeck, who is an advisor on advanced technology at the World Bank in Washington, and the tangible achievements of the many other authors represented here, this book would not have been possible."

Dr. Paul J. Werbos
Program Director,
National Science Foundation
Past President,
International Neural Network
Society

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 Neural,
Genetic, and Fuzzy Systems for
Chaotic Financial Markets

by
Guido J. Deboeck
Editor

_ _ available April 1, 1994 _
"When the only tool you have is a hammer, everything begins to look like a nail."   Lotfi Zadeh

Nothing changes faster than technology to trade financial markets. Any new gizmo has

the potential of creating an edge. This book describes the newest developments in trading, risk and portfolio managment techniques. Based on years of hands-on experience, world experts share insights that you can use to gain an advantage in financial markets using neural networks, genetic algorithms, fuzzy logic, non-linear dynamics, and chaos theory.

About the Editor
Dr. Guido J. Deboeck is an Advisor on advanced technology for the World Bank in Washington. Over the past three years he has directed applied research on advanced technology for trading financial markets. Prior to this he managed all technology for the trading floor of the World Bank. He is Chairman of a Special Interest Group on Financial & Economic Applications of Neural Nets established by the International Neural Net Society.

This book provides pragmatic tips you need to understand and apply the latest technology to get a trading edge in today's financial markets. Contents includes

• an introduction to a wide range of advanced analytical techniques

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• specific guidance on the design of trading systems

• methods for pre- and postprocessing financial data for the development of advanced systems

• a glossary, bibliography, and index to easily trace information on these topics

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