

1. Record Nr.	UNINA9910783516703321
Autore	Weissman Richard L
Titolo	Mechanical trading systems [[electronic resource]] : pairing trader psychology with technical analysis // Richard L. Weissman
Pubbl/distr/stampa	Hoboken, NJ, : John Wiley & Sons, c2005
ISBN	0-470-42152-5 1-280-26578-7 9786610265787 0-471-73097-1
Edizione	[1st edition]
Descrizione fisica	1 online resource (241 p.)
Collana	The Wiley trading
Disciplina	332.63/2042
Soggetti	Investment analysis Speculation
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. 205-206) and index.
Nota di contenuto	Mechanical Trading Systems; Contents; Preface; Acknowledgments; Chapter 1: Dispelling Myths and Defining Terms; DISPELLING THE MYTHS: THE INEFFICIENT MARKET AND THE HARD ROAD TO PROFITS; TECHNICAL ANALYSIS: A DEFINITION; MECHANICAL TRADING SYSTEMS: A DEFINITION; DEFINING THE TIME FRAMES; TECHNICAL ANALYSIS: WHY IT WORKS; TYPES OF TECHNICAL INDICATORS: TREND-FOLLOWING AND MEAN REVERSION; Chapter 2: Mathematical Technical Analysis; TYPES OF TECHNICAL INDICATORS; TREND-FOLLOWING INDICATORS: INDICATOR-DRIVEN TRIGGERS; PRICE-TRIGGERED TREND-FOLLOWING INDICATORS: DONCHIAN'S CHANNEL BREAKOUT MEAN REVERSION INDICATOR-DRIVEN TRIGGERS: OSCILLATORSChapter 3: Trend-Following Systems; PRELIMINARY CONSIDERATIONS; TWO MOVING AVERAGE CROSSOVER; ICHIMOKU TWO MOVING AVERAGE CROSSOVER; THREE MOVING AVERAGE CROSSOVER; ICHIMOKU THREE MOVING AVERAGE CROSSOVER; MACD; DMI; DMI WITH ADX; CHANNEL BREAKOUT; BOLLINGER BANDS; SOME COMPARISONS; GENERAL RULES OF THUMB; CUTTING THE TAILS OF A SYSTEM'S DISTRIBUTION; PSYCHOLOGICAL PROFILE OF A TREND-FOLLOWING TRADER; Chapter 4: Mean Reversion Systems; CONSIDERATIONS IN ANALYZING

INTERMEDIATE-TERM MEAN REVERSION TRADING SYSTEMS
TREND-FOLLOWING MEAN REVERSION SYSTEMS
NONDIRECTIONALLY BIASED MEAN REVERSION SYSTEMS;
PSYCHOLOGICAL PROFILE OF AN INTERMEDIATE-TERM MEAN REVERSION TRADER;
FADING THE LOSING SYSTEM;
Chapter 5: Short-Term Systems; LIQUIDITY AND VOLATILITY;
BACKTESTED RESULTS; SWING TRADING WITH 2-HOUR BARS;
MEAN REVERSION SYSTEMS USING 60-MINUTE BARS;
NONDIRECTIONALLY BIASED MEAN REVERSION SYSTEMS;
MEAN REVERSION SYSTEMS USING 30-MINUTE BARS;
15-MINUTE BAR SYSTEMS: RSI EXTREMES WITH 50-HOUR MOVING AVERAGE FILTER;
5-MINUTE BAR SYSTEMS: RSI EXTREMES WITH 16.67-HOUR MOVING AVERAGE FILTER
PSYCHOLOGICAL PROFILE OF A SHORT-TERM TRADER
Chapter 6: Knowing Oneself; TRADER PSYCHOLOGY: EVER THE SAME AND PERPETUALLY CHANGING;
TIME FRAMES, TRADING SYSTEMS, AND PERSONALITY TRAITS;
Chapter 7: System Development and Analysis; SYSTEM DEVELOPMENT ISSUES: AN OVERVIEW;
BENEFITS OF MECHANICAL TRADING SYSTEMS; PITFALLS OF MECHANICAL TRADING SYSTEMS;
OPTIMIZATION PROCESS; SYSTEM DEVELOPMENT PROCESS; DATA ANALYSIS PROCESS;
TRADING SYSTEM PHILOSOPHY STATEMENTS; MEASURING TRADING SYSTEM PERFORMANCE;
Chapter 8: Price Risk Management; PRICE RISK MANAGEMENT ISSUES: AN OVERVIEW
STOP-LOSS PRICE RISK MANAGEMENT FOR TRADING ACCOUNTS
TWO SCHOOLS OF PRICE RISK MANAGEMENT; STOP-LOSS PRICE RISK MANAGEMENT;
VOLUMETRIC PRICE RISK MANAGEMENT: MARTINGALE AND ANTI-MARTINGALE STRATEGIES;
VALUE AT RISK: AN OVERVIEW; BENEFITS OF VALUE AT RISK; PITFALLS OF VALUE AT RISK;
STRESS TESTING; PSYCHOLOGY OF PRICE RISK MANAGEMENT; MECHANICAL TRADING SYSTEMS,
DRAWDOWNS, AND TRADER CONFIDENCE;
Chapter 9: Improving the Rate of Return; THREE TYPES OF DIVERSIFICATION;
DIVERSIFICATION OF PARAMETER SETS; MECHANICS OF TRADING SYSTEM DIVERSIFICATION;
PSYCHOLOGY OF TRADING SYSTEM DIVERSIFICATION
Chapter 10: Discretion and Systems Trading

Sommario/riassunto

A wide variety of flexible trading systems that combine sophisticated technical analysis with trading psychology theory
Mechanical Trading Systems examines the development process for choosing and using mechanical trading systems in conjunction with trader psychology. This book discusses the advantages and disadvantages of mechanical trading systems; the dangers in system development and how to avoid them; the optimal methods for back-testing trading systems; position sizing and other risk quantification tools; and methods of improving rates of return on investments without significantly in
