CONTENTS

List of contributors Acknowledgements		XV
Chapter 1	Historical, Contemporary, and Future Perspectives on Self-Regulated Learning and Performance DALE H. SCHUNK AND JEFFREY A. GREENE	1
Section I	BASIC DOMAINS OF SELF-REGULATION OF LEARNING AND PERFORMANCE	17
Chapter 2	Social Cognitive Theoretical Perspective of Self-Regulation Ellen L. Usher and Dale H. Schunk	19
Chapter 3	Cognition and Metacognition Within Self-Regulated Learning PHILIP H. WINNE	36
Chapter 4	Developmental Trajectories of Skills and Abilities Relevant for Self-Regulation of Learning and Performance RICK H. HOYLE AND AMY L. DENT	49
Chapter 5	Motivation and Affect in Self-Regulated Learning: Does Metacognition Play a Role? ANASTASIA EFKLIDES, BENNETT L. SCHWARTZ, AND VICTORIA BROWN	64
Chapter 6	Self-Regulation, Co-Regulation, and Shared Regulation in Collaborative Learning Environments ALLYSON HADWIN, SANNA JÄRVELÄ, AND MARIEL MILLER	83

Section II	SELF-REGULATION OF LEARNING AND PERFORMANCE IN CONTEXT	107
Chapter 7	Metacognitive Pedagogies in Mathematics Classrooms: From Kindergarten to College and Beyond ZEMIRA R. MEVARECH, LIEVEN VERSCHAFFEL, AND ERIK DE CORTE	109
Chapter 8	Self-Regulated Learning in Reading KEITH W. THIEDE AND ANIQUE B. H. DE BRUIN	124
Chapter 9	Self-Regulation and Writing steve graham, karen R. Harris, Charles Macarthur, and Tanya Santangelo	138
Chapter 10	The Self-Regulation of Learning and Conceptual Change in Science: Research, Theory, and Educational Applications GALE M. SINATRA AND GITA TAASOOBSHIRAZI	153
Chapter 11	Using Technology-Rich Environments to Foster Self-Regulated Learning in Social Studies ERIC G. POITRAS AND SUSANNE P. LAJOIE	166
Chapter 12	Self-Regulated Learning in Music Practice and Performance GARY E. McPHERSON, PETER MIKSZA, AND PAUL EVANS	181
Chapter 13	Self-Regulation in Athletes: A Social Cognitive Perspective Anastasia kitsantas, maria kavussanu, deborah B. Corbatto, and pepijn K. C. van de pol	194
Chapter 14	Self-Regulation: An Integral Part of Standards-Based Education MARIE C. WHITE AND MARIA K. DIBENEDETTO	208
Chapter 15	Teachers as Agents in Promoting Students' SRL and Performance: Applications for Teachers' Dual-Role Training Program BRACHA KRAMARSKI	223
Section III	TECHNOLOGY AND SELF-REGULATION OF LEARNING AND PERFORMANCE	241
Chapter 16	Emerging Classroom Technology: Using Self-Regulation Principles as a Guide for Effective Implementation DANIEL C. MOOS	243

Chapter 17	Understanding and Reasoning About Real-Time Cognitive, Affective, and Metacognitive Processes to Foster Self-Regulation With Advanced Learning	
	Technologies ROGER AZEVEDO, MICHELLE TAUB, AND NICHOLAS V. MUDRICK	254
Chapter 18	The Role of Self-Regulated Learning in Digital Games JOHN L. NIETFELD	271
Chapter 19	Self-Regulation of Learning and Performance in Computer-Supported Collaborative Learning Environments PETER REIMANN AND MARIA BANNERT	285
Section IV	METHODOLOGY AND ASSESSMENT OF SELF-REGULATION OF LEARNING AND PERFORMANCE	305
Chapter 20	Validity and the Use of Self-Report Questionnaires to Assess Self-Regulated Learning Christopher A. Wolters and Sungjun won	307
Chapter 21	Capturing and Modeling Self-Regulated Learning Using Think-Aloud Protocols JEFFREY A. GREENE, VICTOR M. DEEKENS, DANA Z. COPELAND, AND SEUNG YU	323
Chapter 22	Assessing Self-Regulated Learning Using Microanalytic Methods TIMOTHY J. CLEARY AND GREGORY L. CALLAN	338
Chapter 23	Advancing Research and Practice About Self-Regulated Learning: The Promise of In-Depth Case Study Methodologies DEBORAH L. BUTLER AND SYLVIE C. CARTIER	352
Chapter 24	Examining the Cyclical, Loosely Sequenced, and Contingent Features of Self-Regulated Learning: Trace Data and Their Analysis MATTHEW L. BERNACKI	370
Chapter 25	Data Mining Methods for Assessing Self-Regulated Learning GAUTAM BISWAS, RYAN S. BAKER, AND LUC PAQUETTE	388

Section V	INDIVIDUAL AND GROUP DIFFERENCES IN SELF-REGULATION OF LEARNING AND PERFORMANCE	405
Chapter 26	Calibration of Performance and Academic Delay of Gratification: Individual and Group Differences in Self-Regulation of Learning PEGGY P. CHEN AND HÉFER BEMBENUTTY	407
Chapter 27	Academic Help Seeking as a Self-Regulated Learning Strategy: Current Issues, Future Directions STUART A. KARABENICK AND ELEFTHERIA N. GONIDA	421
Chapter 28	The Three Facets of Epistemic Thinking in Self-Regulated Learning KRISTA R. MUIS AND CARA SINGH	434
Chapter 29	Advances in Understanding Young Children's Self-Regulation of Learning NANCY E. PERRY, LYNDA R. HUTCHINSON, NIKKI YEE, AND ELINA MÄÄTTÄ	457
Chapter 30	Self-Regulation: Implications for Individuals With Special Needs LINDA H. MASON AND ROBERT REID	473
Chapter 31	Culture and Self-Regulation in Educational Contexts dennis M. McInerney and Ronnel B. King	485
Index		503