CONTENTS

LIST OF CONTRIBUTORS

PART I: INTRODUCTION

REAL OPTIONS IN STRATEGIC MANAGEMENT Tony W. Tong and Jeffrey J. Reuer

PART II: ADVANCES IN REAL OPTIONS RESEARCH IN STRATEGY

REAL OPTIONS: TAKING STOCK AND LOOKING **AHEAD** Yong Li, Barclav E, James, Ravi Madhavan and

Joseph T. Mahonev REAL OPTIONS THEORY AND INTERNATIONAL

STRATEGY: A CRITICAL REVIEW Jing Li

JOINT VENTURES AND REAL OPTIONS: AN INTEGRATED PERSPECTIVE

FIRM PERFORMANCE

Ilya R. P. Cuypers and Xavier Martin

Jeffrey J. Reuer and Tony W. Tong

HOW DO REAL OPTIONS MATTER? EMPIRICAL RESEARCH ON STRATEGIC INVESTMENTS AND

ix

31

67

103

145

STRATEGIC GROWTH OPTIONS IN NETWORK **INDUSTRIES** Lihui Lin and Nalin Kulatilaka 177

PART III: REAL OPTIONS AND STRATEGIC INVESTMENT DECISIONS

MARKET VERSUS MANAGERIAL VALUATIONS OF **REAL OPTIONS** 199 Timothy B. Folta and Jonathan P. O'Brien

DEFERRAL AND GROWTH OPTIONS UNDER

SEQUENTIAL INNOVATION

Michael J. Leiblein and Arvids A. Ziedonis 225 BUSINESS METHOD PATENTS AS REAL OPTIONS: VALUE AND DISCLOSURE AS DRIVERS OF Atul Nerkar, Srikanth Paruchuri and Mukti Khaire

LITIGATION 247 MANAGING A PORTFOLIO OF REAL OPTIONS Jaideep Anand, Raffaele Oriani and Roberto S. Vassolo

275 PART IV: ORGANIZATIONAL AND MANAGERIAL DIMENSIONS OF REAL OPTIONS

CAPABILITIES, REAL OPTIONS, AND THE RESOURCE ALLOCATION PROCESS Catherine A. Maritan and Todd M. Alessandri

307

REAL OPTIONS MEET ORGANIZATIONAL THEORY:

COPING WITH PATH DEPENDENCIES, AGENCY COSTS. AND ORGANIZATIONAL FORM Russell W. Coff and Kevin J. Laverty 333

Contents	vii
REAL OPTIONS AND RESOURCE REALLOCATION PROCESSES Ron Adner	363
WHY INVEST IN FIRM-SPECIFIC HUMAN CAPITAL? A REAL OPTIONS VIEW OF EMPLOYMENT CONTRACTS Todd Fister and Anju Seth	373
PART V: PERFORMANCE IMPLICATIONS OF REAL OPTIONS	
AN EXAMINATION OF OPTIONS EMBEDDED IN A FIRM'S PATENTS: THE VALUE OF DISPERSION IN CITATIONS Tailan Chi and Edward Levitas	405
Tauan Cni ana Eawara Levitas	403
TECHNOLOGY SWITCHING OPTION AND THE MARKET VALUE OF THE FIRM: A MODEL AND AN EMPIRICAL TEST	12.0
Raffaele Oriani	429
STRATEGIC IMPLICATIONS OF VALUATION: EVIDENCE FROM VALUING GROWTH OPTIONS Todd M. Alessandri, Diane M. Lander and Richard A. Bettis	459
AN EMPIRICAL EXAMINATION OF MANAGEMENT OF REAL OPTIONS IN THE U.S. VENTURE CAPITAL	
INDUSTRY Isin Guler	485