## Contents

Fo	reword			V			
AcknowledgementsVII							
Cc	ntents			IX			
Lis	st of Figures	s		XIII			
LIS	st of Abbrev	/iatio	ns	XIX			
Α	The Challenge of Triggering Change in Organizations1						
В	Deterministic and Voluntaristic Theories of Organizational Change						
	B.I Incom	nmen	surable Drivers of Organizational Evolution	9			
	B.I.1	The	Classical View of Adaptation to the Environment	11			
	B.I	.1.a	Deterministic Adaptation and Impediments to the Adapta Process				
	B.I	.1.b	Behavioral Elements of Adaptation	15			
	B.I.2	Iner	tia and Routines as Determinants of Change	21			
	B.I	.2.a	Inertia Leading to Environmental Selection	21			
	B.I.2.b		Routines Hindering and Driving Change	24			
	B.I.3	Trar	nsformation Triggered by Strategic Choice	28			
	B.II Reco	tion of Environmental Determinism and Managerial Choice	33				
	B.II.1	Con	npatibility of Voluntaristic and Deterministic Views	33			
	B.II.2		erstanding Change by the Combination of Environmental a				
	B.II.3	AR	econciled Theory of Radical Change	43			
	B.III Cognition and Attention as Drivers and Restraints of Alteration			49			
	B.III.1		ception of the Environment Through a Cognitive Manageria				
	B.III.2	Sele	ective Attention to Issues and Stakeholders	54			
	B.IV Need	for a	Dynamic Feedback View of Organizational Change	61			

X Contents

C	the New York Stock Exchange65					
	C.I		thod Mix for Studying Change in Organizations and Especially at ew York Stock Exchange	67		
		C.I.1	Contribution of Studying Change with System Dynamics and Case Study Methodologies	69		
		C.I.2	The Process of Model Conceptualization Supported by Case Study Research Methods	72		
		C.I.3	Confidence Through Model Analysis and Testing	79		
	C.II	React	ing to Automation in the U.S. Securities Market	80		
		C.II.1	Automation of Order Clearing, Routing, and Information Systems	80		
		C.II.2	Moving Towards an Electronic Market	87		
		C.II.3	The New York Stock Exchange's Recast of Trading Systems	93		
	C.III Structure and Behavior of Forces for Retention and Change					
		C.III.1	A Perspective of Adaptation to the External Environment	101		
		C.III.2	An Endogenous Struggle of Culture and Resistance	111		
		C.III.3	Managerial Impact on Change	120		
		C.III.4	Full Model Behavior	139		
	C.IV Analyses of Model Structure and Behavior					
		C.IV.1	Confidence in Model Structure and Parameterization	146		
		C.IV.2	Validation of Model Behavior and Sensitivity	149		
	C.V	-	ations of the New York Stock Exchange's Recast of Trading ms	160		
D			terpretation of Organizational-Environmental Forces, and Change	165		
	D.I	A Ger	neric Model of Organizational Inertia and Change	165		
		D.I.1	Motivation for a Generic View	165		
		D.I.2	Generic Model Structure	168		
	D.II Structural-Behavioral Analysis and Causal Theory					
		D.II.1	Validation of the Generic Model	182		
		D.II.2	Effects of Reinforcing and Balancing Feedback on the Occurrence of Change	185		

	D.III Possibilities of Managerial Intervention for Driving Change				
	D.III.1	Inertia and the Ambiguous Effects of the Responsiveness to Pressure	. 192		
	D.III.2	Effects of Increases in the Responsiveness of Attention			
	D.IV Joint	Management of Leverage Points	. 199		
	D.IV.1	Relationship Between the Responsiveness of Strategy to Pressure and Attention	. 200		
	D.IV.2	Policy Implications in Different Environments	. 205		
	D.V A Fee	edback Theory of Organizational Inertia, Change, and Attention	. 211		
E	Realization	n of Change in Organizations	. 217		
Re	References2				
Αn	oppendix				