CONTENT

		Page
Preface		v
The Contribu	uting Authors	ix
The Reviewe	ers	XV
Chapter 1	Introduction – Research in R&D and Engineering Management	1
Chapter 2	Developing Engineering / Program Management Skills	7
Chapter 3	Quality Circles and the Adizes Method – A Comparative Study	23
Chapter 4	Learning in Dominant Technological Firms	45
Chapter 5	Contemporary Approaches to R&D Project Selection – A Literature Search	67
Chapter 6	Multi-Project, Multi-Criteria Evaluation and Selection Model for R&D Management	89
Chapter 7	An R&D Project Selection and Budgeting Model Using Decision Analysis and	
	Mathematical programming	101
Chapter 8	Recent Development in Resource-Constrained Network Analysis	127
Chapter 9	Decision Analysis for R&D Resource Management	143
Chapter 10	The Integration of Research and Development Management into the Firm Decision	
	Process	163
Chapter 11	Anticipatory Personnel Management : An Application of Multi-Criteria Networks	185
Chapter 12	Management of Flexible Automation in the Auto Industry	201
Chapter 13	Network Methods in the Management of Innovative Start-ups	219
Chapter 14	Productivity Management in a Technical Environment	239
Chapter 15	Technological Forecasting for Managing Technological Systems	265
Chapter 16	Some Perspectives for Strengthening R&D Management in Developing Countries	275
Concluding Remarks		295