# Contents

Acknowledgments		ix
Pref	Preface	
Sec	TION I INTUITION: WAYS TO BUILD IT	
1	A Pragmatic Approach to Intuitive Decision Making	3
2	A Case Study of Intuition	13
3	Where Do Our Hunches Come From?	
4	Intuition Skills Training: Speeding Up	
	Your Learning Curve	36
5	Using Analysis to Support Our Intuitions	64
Sec	TION II INTUITION: WAYS TO APPLY IT	
6	How to Make Tough Choices	89
7	How to Spot Problems Before They Get Out of Hand	96
8	How to Manage Uncertainty	119
9	How to Size Up Situations	134
10	Getting Creative—How to Go Beyond Brainstorming	151
11	How to Improvise and Adapt Plans	173
12	Molding Your Intuition: A Case Study	189
Sec	TION III INTUITION: WAYS TO SAFEGUARD IT	
13	Executive Intent: How to Communicate Your Intuitions	205
14	Coaching Others to Develop Strong Intuitions	220

15	Overcoming the Problems with Metrics	239
16	Smart Technology Can Make Us Stupid	260
17	Ten Tips for Intuitive Decision Making	282
Notes		301
Index		327

## DECISION MAKING EXERCISES

Decision Making Exercise 4.1	Care Package from the Board	46
Decision Making Exercise 6.1	Setting the Agenda	89
Decision Making Exercise 7.1	Meeting on the Fly	96
Decision Making Exercise 8.1	The Cellmet	119
Decision Making Exercise 9.1	"Good News"	135
Decision Making Exercise 10.1	"Bad News"	151
Decision Making Exercise 11.1	The Electro-Mission	174
Decision Making Exercise 13.1	Taking a Stand	205

#### EXAMPLES

Example 3.1	Banking on Your Intuition	30
Example 4.1	Learning the Wiring Diagram as if Your	
	Life Depended on It	53
Example 4.2	Feedback: The Hidden Ingredient in the	
	Assessment Center	58
Example 4.3	Lean Years or Fat Years?	59
Example 5.1	Finding a Job	69
Example 5.2	The Water Jar Demonstration	71
Example 5.3	What Are You Breathing?	72
Example 5.4	Eradicating Your Intuitions	79
Example 5.5	How to Make a Decision	82
Example 5.6	How Grand Masters Optimize	85
Example 7.1	The Bug Detectors	105

Example 7.2	Selling the Company	108
Example 7.3	A Dam That Failed	111
Example 7.4	Project SERENE: Special Engineering Review of Events Nobody Envisioned	114
Example 9.1	The Invisible Adversary	139
Example 9.2	Killing the Customer	140
Example 9.3	Detecting the Japanese Intention to	
	Attack Pearl Harbor	143
Example 10.1	Creating a Microclimate	159
Example 10.2	The Birth of the $401(k)$	166
Example 10.3	Flights of Creativity	170
Example 11.1	The Japanese Robots	182
Example 13.1	Covering Fire	208
Example 13.2	Why Did He Do That?	209
Example 13.3	Wielding STICC	214
Example 14.1	Keeping Your Co-Pilot in the Dark	222
Example 14.2	The Intuitive Landing	224
Example 15.1	Banking on Metrics	240
Example 15.2	The Economic Education of a Marine General	242
Example 15.3	The Furious Phone Calls	244
Example 15.4	Metrifried	245
Example 15.5	Schwarzkopf Presses the Attack	250
Example 15.6	Numb and Number	251
Example 16.1	The Displays That Were Too Smooth	264
Example 16.2	The Ghost Storm	267
Example 16.3	How Alan Greenspan Makes Sense of Situations	268
Example 16.4	Computer Modeling or Computer Meddling?	280
Example 17.1	The Last Person Who Needed to Improve	
	His Golf Skills	289
Example 17.2	The Unmotivated Marketeer	291

#### FIGURES

Figure 3.1	The Pattern-Recognition Process Behind		
-	Intuitive Decision Making	23	
Figure 3.2	Recognition-Primed Decision Model	26	
Figure 4.1	The Three Basic Elements of Intuition		
	Skills Training	38	
Figure 4.2	Decision Requirements Table	41	
Figure 5.1	Fovea-Periphery Contrast	65	
Figure 5.2	Conditions Favoring Intuitive and		
	Analytical Approaches	67	
Figure 5.3	The Zone of Indifference	78	
Figure 7.1	The Problem-Detection Process	102	
Figure 7.2	The Alarmist	110	
Figure 14.1	A Model of Master Coaching	230	
Figure 15.1	The Morandini Curve	257	
Figure 16.1	Who Is Going to Turn Data into Understanding?	262	

### TABLES

Table 5.1	Rational Choice Model of Decision Making	75
Table 8.1	Uncertainty Management Worksheet	131
Table 13.1	Guidelines for Executive Intent Exercise	218
Table 14.1	Two Sides of the Same Coaching Coin	229