

Contents

Acknowledgments	ix
Author Bios	xi
Foreword	xiii
Introduction	xv
CHAPTER 1 Why Design for Emotion?	1
Useful, Usable and Desirable	1
Prioritizing Emotional Needs	3
Emotion, Personality and Meaning	4
Five Reasons to Design for Emotion	6
The Creation of Meaning	14
Conclusion	16
References	17
CHAPTER 2 What Is Emotion?	19
Understanding Emotion	21
Experiencing Emotion	21
Expressing Emotion	22
Mental Models	23
The Anatomy and Influence of Emotion	25
Emotion Is Both Conscious and Unconscious	26
Emotions Originate in Different Parts of the Brain	28
Emotion Combines the Mental and the Physical	31
Emotion, Attention and Information	39
Emotion Contributes to Flow	41
Emotion, Motivation and Intention	43
Emotions, Moods, Sentiments and Personality Traits	45
Conclusion	47
References	49
CHAPTER 3 When Do We Design for Emotion?	51
Measuring Success Through Flow	53
Goals and Meaning	53
Association and Meaning	54
Status, Values and Meaning	55
Attention and Flow	57
Goals and Attention	57
Defining Attention	58
Types of Attention	58

Measuring Attention	60
The Limits of Attention	61
The Senses and Attention	62
The Tactile (Touch)	63
The Visual	64
The Auditory	65
Emotion, Attention and Behavior	66
Emotion and Attention	66
Emotion and Behavior	67
Motivation and Arousal	69
Emotion and Flow	71
Causes, Characteristics and Consequences of Flow	72
Conclusions	79
References	81
CHAPTER 4 Where Do We Design for Emotion?	83
Product Personalities	83
Personality and Identity	85
Perceiving Emotion and Personality	85
Aesthetics and Interaction	86
Responses, Experiences and Relationships	89
Emotional Design Models	91
How Do I Love Thee?	94
The Types of Love	97
Three Brains, Three Levels	100
Personality Traits and Design	101
The Traits of a Good Design	102
Gender and Stereotypes	109
Masculine and Feminine	110
Gender in Products	113
The Evolution of Emotion and Personality	115
Dominance in Nature	115
Dominance and Friendliness	116
Dominant or Submissive?	117
Friendly or Unfriendly?	119
Lines Have Feelings, Too	120
The Influence of Color	121
Do Opposites Attract?	123
The Right Personality for Your Product	124
Conclusions	125
References	126
CHAPTER 5 How Do We Design for Emotion?	129
Designing Relationships	129
Cutting Through the Jargon	130

A Passion for Desirable Aesthetics	130
The Intimacy of Usable Interaction	132
A Commitment to Useful Function	132
The A.C.T. model	132
Attract	135
Converse	135
Transact	136
Persuading with A.C.T.	137
Using the A.C.T. Model	138
Get to Know Your Users	139
Define Design Goals	140
Understanding the Dimensions of Emotion	141
Guidelines for Emotion	141
What Personality Do I Design?	146
Gender and Personality	147
Communicating Emotion Through Affordances	148
A.C.T. Guidelines	149
Attract	149
Converse	161
Transact	169
Conclusions	170
A.C.T. Model	171
References	173

CHAPTER 6 Interviews and Case Studies	175
Interviews	175
An Interview with Patrick W. Jordan	175
Reference	178
An Interview with Stephen P. Anderson	178
Reference	184
An Interview with Aarron Walter	184
References	192
An Interview with Trish Miner on the Desirability Toolkit	192
Reference	195
An Interview with Marco van Hout on the LEMtool	195
References	199
Case Studies	200
Windows Phone 7 Reference Designs for Metro UI	200
The Emotional Elements of PICO	205
Conclusions	210
Trademarks	211
Index	213