THE PSYCHOLOGY OF DESIGN	vii
HOW PEOPLE SEE	
WHAT YOU SEE ISN'T WHAT YOUR BRAIN GETS	2
PERIPHERAL VISION IS USED MORE THAN CENTRAL VISION TO GET THE GIST OF WHAT YOU SEE	5
PEOPLE IDENTIFY OBJECTS BY RECOGNIZING PATTERNS	7
THERE'S A SPECIAL PART OF THE BRAIN JUST FOR RECOGNIZING FACES	9
PEOPLE IMAGINE OBJECTS TILTED AND AT A SLIGHT ANGLE ABOVE	11
PEOPLE SCAN SCREENS BASED ON PAST EXPERIENCE AND EXPECTATIONS	13
PEOPLE SEE CUES THAT TELL THEM WHAT TO DO WITH AN OBJECT	15
PEOPLE CAN MISS CHANGES IN THEIR VISUAL FIELDS	19
PEOPLE BELIEVE THAT THINGS THAT ARE CLOSE TOGETHER BELONG TOGETHER	21
RED AND BLUE TOGETHER ARE HARD ON THE EYES	22
NINE PERCENT OF MEN AND ONE-HALF PERCENT OF WOMEN ARE COLOR-BLIND	23
THE MEANINGS OF COLORS VARY BY CULTURE	27

HOW PEOPLE READ

IT'S A MYTH THAT CAPITAL LETTERS ARE INHERENTLY HARD TO READ	30
READING AND COMPREHENDING ARE TWO DIFFERENT THINGS	33
PATTERN RECOGNITION HELPS PEOPLE IDENTIFY LETTERS IN DIFFERENT FONTS	37
FONT SIZE MATTERS	40
READING A COMPUTER SCREEN IS HARDER THAN READING PAPER	42
PEOPLE READ FASTER WITH A LONGER LINE LENGTH, BUT THEY PREFER A SHORTER LINE LENGTH	43
HOW PEOPLE REMEMBER	
SHORT-TERM MEMORY IS LIMITED	46
PEOPLE REMEMBER ONLY FOUR ITEMS AT ONCE	48
PEOPLE HAVE TO USE INFORMATION TO MAKE IT STICK	51
IT'S EASIER TO RECOGNIZE INFORMATION THAN RECALL IT	53
MEMORY TAKES A LOT OF MENTAL RESOURCES	54
PEOPLE RECONSTRUCT MEMORIES EACH TIME THEY REMEMBER THEM	56
IT'S A GOOD THING THAT PEOPLE FORGET	58
THE MOST VIVID MEMORIES ARE WRONG	60
HOW PEOPLE THINK	
PEOPLE PROCESS INFORMATION BETTER IN BITE-SIZED CHUNKS	62
SOME TYPES OF MENTAL PROCESSING ARE MORE CHALLENGING THAN OTHERS	65
MINDS WANDER 30 PERCENT OF THE TIME	68

THE MORE UNCERTAIN PEOPLE ARE, THE MORE THEY DEFEND THEIR IDEAS	70
PEOPLE CREATE MENTAL MODELS	72
PEOPLE INTERACT WITH CONCEPTUAL MODELS	74
PEOPLE PROCESS INFORMATION BEST IN STORY FORM	76
PEOPLE LEARN BEST FROM EXAMPLES	79
PEOPLE ARE DRIVEN TO CREATE CATEGORIES	82
TIME IS RELATIVE	84
THERE ARE FOUR WAYS TO BE CREATIVE	86
PEOPLE CAN BE IN A FLOW STATE	91
CULTURE AFFECTS HOW PEOPLE THINK	93
HOW PEOPLE FOCUS THEIR ATTENTION	
ATTENTION IS SELECTIVE	96
PEOPLE FILTER INFORMATION	98
WELL-PRACTICED SKILLS DON'T REQUIRE CONSCIOUS ATTENTION	99
EXPECTATIONS OF FREQUENCY AFFECT ATTENTION	101
SUSTAINED ATTENTION LASTS ABOUT TEN MINUTES	103
PEOPLE PAY ATTENTION ONLY TO SALIENT CUES	104
PEOPLE CAN'T ACTUALLY MULTITASK	105
DANGER, FOOD, SEX, MOVEMENT, FACES, AND STORIES GET THE MOST ATTENTION	108
LOUD NOISES STARTLE AND GET ATTENTION	110
FOR PEOPLE TO PAY ATTENTION TO SOMETHING, THEY MUST FIRST PERCEIVE IT	112

WHAT MOTIVATES PEOPLE

PEOPLE ARE MORE MOTIVATED AS THEY GET CLOSER TO A GOAL	116
VARIABLE REWARDS ARE POWERFUL	118
DOPAMINE MAKES PEOPLE ADDICTED TO SEEKING INFORMATION	121
UNPREDICTABILITY KEEPS PEOPLE SEARCHING	123
PEOPLE ARE MORE MOTIVATED BY INTRINSIC REWARDS THAN EXTRINSIC REWARDS	125
PEOPLE ARE MOTIVATED BY PROGRESS, MASTERY, AND CONTROL	127
PEOPLE'S ABILITY TO DELAY GRATIFICATION (OR NOT) STARTS YOUNG	131
PEOPLE ARE INHERENTLY LAZY	132
PEOPLE WILL LOOK FOR SHORTCUTS ONLY IF THE SHORTCUTS ARE EASY	136
PEOPLE ASSUME IT'S YOU, NOT THE SITUATION	137
FORMING A HABIT TAKES A LONG TIME AND REQUIRES SMALL STEPS	139
PEOPLE ARE MORE MOTIVATED TO COMPETE WHEN THERE ARE FEWER COMPETITORS	141
PEOPLE ARE MOTIVATED BY AUTONOMY	142
PEOPLE ARE SOCIAL ANIMALS	
THE "STRONG TIE" GROUP SIZE LIMIT IS 150 PEOPLE	144
PEOPLE ARE HARD-WIRED FOR IMITATION AND EMPATHY	147
DOING THINGS TOGETHER BONDS PEOPLE TOGETHER	149
PEOPLE EXPECT ONLINE INTERACTIONS TO FOLLOW SOCIAL RULES	151

PEOPLE LIE TO DIFFERING DEGREES DEPENDING ON THE MEDIA	154
SPEAKERS' BRAINS AND LISTENERS' BRAINS SYNC UP DURING COMMUNICATION	156
THE BRAIN RESPONDS UNIQUELY TO PEOPLE YOU KNOW PERSONALLY	15
LAUGHTER BONDS PEOPLE TOGETHER	159
PEOPLE CAN TELL WHEN A SMILE IS REAL OR FAKE MORE ACCURATELY WITH VIDEO	16
HOW PEOPLE FEEL	
SEVEN BASIC EMOTIONS ARE UNIVERSAL	164
EMOTIONS ARE TIED TO MUSCLE MOVEMENT AND VICE VERSA	166
ANECDOTES PERSUADE MORE THAN DATA	168
SMELLS EVOKE EMOTIONS AND MEMORIES	169
PEOPLE ARE PROGRAMMED TO ENJOY SURPRISES	17
PEOPLE ARE HAPPIER WHEN THEY'RE BUSY	173
PASTORAL SCENES MAKE PEOPLE HAPPY	175
PEOPLE USE LOOK AND FEEL AS THEIR FIRST INDICATOR OF TRUST	177
LISTENING TO MUSIC RELEASES DOPAMINE IN THE BRAIN	179
THE MORE DIFFICULT SOMETHING IS TO ACHIEVE, THE MORE PEOPLE LIKE IT	180
PEOPLE OVERESTIMATE REACTIONS TO FUTURE EVENTS	181
PEOPLE FEEL MORE POSITIVE BEFORE AND AFTER AN EVENT THAN DURING IT	182
PEODI E WANT WHAT IS EAMII IAD WHEN THEY'DE SAD OR SCADED	107

PEOPLE MAKE MISTAKES

PEOPLE WILL ALWAYS MAKE MISTAKES; THERE IS NO FAIL-SAFE PRODUCT	188
PEOPLE MAKE ERRORS WHEN THEY ARE UNDER STRESS	190
NOT ALL MISTAKES ARE BAD	194
PEOPLE MAKE PREDICTABLE TYPES OF ERRORS	195
PEOPLE USE DIFFERENT ERROR STRATEGIES	198
HOW PEOPLE DECIDE	
PEOPLE MAKE MOST DECISIONS UNCONSCIOUSLY	202
THE UNCONSCIOUS KNOWS FIRST	204
PEOPLE WANT MORE CHOICES AND INFORMATION THAN THEY CAN PROCESS	206
PEOPLE THINK CHOICE EQUALS CONTROL	208
PEOPLE MAY CARE ABOUT TIME MORE THAN THEY CARE ABOUT MONEY	210
MOOD INFLUENCES THE DECISION-MAKING PROCESS	212
GROUP DECISION MAKING CAN BE FAULTY	214
PEOPLE ARE SWAYED BY A DOMINANT PERSONALITY	216
WHEN PEOPLE ARE UNCERTAIN, THEY LET OTHERS DECIDE WHAT TO DO	217
PEOPLE THINK OTHERS ARE MORE EASILY INFLUENCED THAN THEY ARE THEMSELVES	219
PEOPLE VALUE A PRODUCT MORE HIGHLY WHEN IT'S PHYSICALLY IN FRONT OF THEM	221
BIBLIOGRAPHY INDEX	225 235