CONTENTS

1	Introduction	1
	An Illustration	1
	Questions to be Answered	2
	What is a Neurotic Disorder?	3
	Scientific Study of Neurotic Disorder	4
2	Symptoms of Neurotic Disorder	7
	Anxiety Reaction	7
	Phobic Reaction	9
	Obsessive-Compulsive Reaction	10
	Hysteria	12
	Depressive Reaction	18
3	Anxiety and Other Emotions	20
	Anxiety or Fear	21
	Autonomic Nervous System	22
	Pituitary-Adrenocortical System	24
	Physiological Responses in Patients with Anxiety Reactions	25
	High Levels of Arousal	25
	Habituation	29
	Homeostatic Control	33
	Patterns of Autonomic Response in Fear and Anger	36
	Epinephrine and Norepinephrine in Fear and Anger	37
	Grief	40
		xi

xii / CONTENTS

	Physiological Concomitants of Grief Shame, Guilt, and Disgust	45
4	Heredity	52
	Measuring Hereditary Influence	52
	Animal Research	53
	Autonomic Reactivity	53
	Sociability	54
	Neurotic Disorder	56
	Organic Disease and Hysteria	58
	The Interaction of Heredity and Social Learning	59
5	Learning and Neurotic Disorder: Basic Concepts	63
	Classical Conditioning	64
	Instrumental Learning	67
	Avoidance Learning	68
	Mediating Stimuli	70
	Observational Learning and Imitation	72
	Conflict	73
	Social Learning and Personality Development	75
	The Interacting System	75
	Assessment	77
6	Learned Avoidance Strategies	83
	Physical Avoidance	83
	Displacement	84
	Use of Positive Affect to Reduce Negative Affect	84
	Behavioral Traits	86
	"Not-Think-About-It" Response	86
	Cognitive Interpretations	90
	Denial	90
	Intellectualization	93

	CONTENTS	/ XIII
7	Development: General Features of Neurotic Disorder	99
	Social Learning in the Family Context	101
	Neurotic Parents	101
	Anger and Aggression in Neurotic Disorder	103
	Self-regulation	108
	Negative Affect, Conflict, and Avoidance Strategies	115
	Anger and Aggression in Neurotic Conflict	122
	Sex and Other Behavioral Systems in Neurotic Conflict	123
8	Development and Dynamics: Specific Neurotic Reactions	127
	Anxiety and Phobic Reactions	127
	Obsessive-Compulsive Reaction	136
	Hysteria	138
	Depression	143

Author Index

Subject Index

SUBJECT INDEX

Obsessive-

Adrenaline, see Epinephrine Classical conditioning, 64-67, 72-73, 131-Adrenocortical system, 24, 25-26, 45-46, 132, 146 64, 91-92 Cognitions, mediating, 70-71, 110-115, Aggression, 38-40, 47, 103-108, 113-115, 147-148 117-118, 121-123, 129 Cognitive interpretations, 90-97, 122 Amnesia, 13, 58-59 Combat neuroses, war neuroses, battle fa-Anxiety, in children, parent's defensiveness, tigue, 126-128 121 Compulsive behavior. see Freudian theory, 99-101 Compulsive g tolerance test, 38-40 Conflict, 73-75, 105-106, 114-124, 136, heredity, 57 140 instrumental learning, 132-133 Conscience, see Self-regulation irrationality, 133-134 Conversion reaction, description, 12-13 observational learning, 132 and hypnosis, 141 physiological responses, 22-36 an illustration, 15 stimulus versus response definition, 21 symptoms and illustration, 7-9 Denial, 90-93, 122 traumatic experiences, 66, 127-129 Depersonalization, 96-97 unlearned elicitors, 21-22 Depression, in animals, 44 see also Fear in children, 41-43 Anger, 20, 36-40, 85; see also Aggression deficit in social reinforcement, 145-146 Assessment, data source, 77-78 heredity, 58 functional analysis, 79 physiological correlates, 45-46 traits and situations, 78-79 reaction to loss, 143-146 Autonomic nervous system, in anxiety reacand self esteem, 146-149 tions, 25-36 social learning, 143-146 description of, 22-24 symptoms, 18 in fear and anger, 36-40 traumatic experiences, 143 in grief, 45-46 Discriminative stimulus, 67-68 measurement, 27 Disgust, 47 see also Blood pressure; Galvanic skin Displacement, 84, 123, 134-137 response; and Heart rate Dissociative reaction, description, 13 Aversive consequence, 68-70, 106-107, 109 an illustration, 15 Avoidance learning, 68-70 Avoidance strategies, 83-84, 86-97, 115-124 Emotion, 20; see also Anxiety; Grief; and Anger

Empathic responses, 72-73, 111-113

Epinephrine, 23, 29, 36-40, 92-93

Blood pressure, 27, 28, 30, 34, 36-37, 92

Brain-stem reticular system, 35

Evoked sensory potential, 142 Identification with aggressor, 117 Experimental neurosis, animals, 73-75 Imitation, 72-73; see also Observational Extraversion-introversion, 54-56 learning Eyeblink conditioning, 28 Inconsistency of discipline, 107 Incubation effect, 66 Family correlates of neurotic disorders, Instrumental learning, 67-70, 106-107, 101-107, 113-122, 129-132, 139, 132-133 147-149 Intellectualization, 93-96, 122 Fear, 21, 36-40, 53, 64-67, 69-70, 85-86, Interacting system, 75-77, 108, 129-131 91, 129-132; see also Anxiety Isolation, 94 Forearm blood flow, 26, 28 Freudian theory, 14, 99-101, 134, 145 La belle indifference, 14 Frustration, 104 Lactic acid, 29 Fugue, 13 Functional analysis, 79 Mediating stimuli, 70-72 Minnesota Multiphasic Personality Inven-Galvanic skin response, 27, 28, 30-33, 53tory, 55, 57, 102 54, 64-66, 94-97 Multiple personality, 13 Glove anesthesia, 14, 59 Muscle tension, 28, 30, 33 Grief, in adults, 41 in animals, 44 Negative affect, 47, 84-97, 115-124 in children, 40-41 Neo-Freudians, 100 with depression-withdrawal, 41-43, 144-Neurotic disorder, definition 3, 4 epidemiology, 4 physiological concomitants, 45-46 scientific study, 4-5 see also Depression Nonspecific GSR's, 29, 32, 54 Guilt, 47 Norepinephrine, 23, 36-40 "Not-think-about-it" response, 86-90 Habituation, 24, 29-33, 35 Nurturance, 110-115 Handicap, 3 Heart rate, 27, 28, 36-37, 53-54, 64, 92, Observational learning, 72-73, 104-106, 94-95 132, 140 Heredity, animal research, 53 Obsessive-Compulsive reaction, conflict, 136 autonomic reactivity, 53-54 persistence of obsessions, 136-137 measurement of, 52-53 symptoms, 10-12 neurotic disorder, 56-59 Oedipal conflict, 99-101 interaction with environment, 59-61 Operant learning, see Instrumental learning sociability, 54-56 Organic disease, 58-59, 103 Homeostasis, 24, 33-34, 35 Overprotectiveness, 129-132 Hypnosis, 14, 140-142 Hysteria, analgesia, 12, 142 Palmar skin conductance, 27, 28; see also Anna O., case of, 14 Galvanic skin response heredity, 57-58 Parasympathetic nervous system, 23 history, 14 Parent dominance, 73, 105-106 hypnosis, relation to, 14, 140-142 Peripheral vascular resistence, 36-38 neurophysiology, 142-143 Phobic reaction, 9, 28, 31-32, 128-132, organic disease, 58-59 134-136

Physiological response in anxiety, auto-

nomic nervous system, 22

habituation, 24, 29-33, 35

homeostasis, 24, 33-34

personality correlates, 17-18

traumatic experiences, 138

social learning, 138-140

symptoms, 12-14

160 / SUBJECT INDEX

individual differences in response, 24
level of arousal, 25-29
pituitary adrenocortical system, 24-25
reciprocal inhibition, 23, 24
Pituitary, see Adrenocortical
Positive affects, 48, 84-86
Psychosexual development, 99-101
Psychosomatic disorder, 13
Punishment, 68; see also Aversive consequences
Punitive discipline, 104-105, 115
Pupillary response, 34

Rationalization, 93 Reaction formation, 86 Reciprocal inhibition, 23, 34 Reinforcement, 67-68, 106-107 Repression, 86-87 Resistance to temptation, 108-115 Sedation threshold, 28
Self-criticism, 148
Self-esteem, 146-149
Self-regulation, 108-115, 148
Self-reinforcement, 113
Sex, 99-100, 123-124
Shame, 46-47
Skin conductance, see Galvanic skin response
Somnambulism, 13-14
Stimulus generalization, 70-71, 134-135
Sympathetic nervous system, 22
Systematic desensitization, 137, 150
Systems approach, see Interacting system

Time out, 107
Traumatic experience, 66-67, 127-129
Treatment, neurotic disorder, 150
Twin studies, 53-58