
Contents

PART I: BACKGROUND

1. <i>An Introduction</i>	3
Motivation Theories	3
Drive Theories	4
Intrinsic Motivation	5
Self-Determination	5
Alternative (Nonmotivational) Approaches	7
The Organismic Approach	8
Self-Determination Theory: An Overview	9
2. <i>Conceptualizations of Intrinsic Motivation and Self-Determination</i> ..	11
Historical Background	11
Empirical Drive Theory	12
Psychodynamic Drive Theory	18
White's Proposal	19
Optimal Stimulation	20
Optimal Arousal	20
Optimal Incongruity	22
Needs and Affects	26
The Need for Competence	26
Interest-Excitement and Flow	28
The Need for Self-Determination	29
Intrinsic Motivation Conceptualized	32
Self-Determination: A Brief History	35
Self-Determination Conceptualized	38
Summary	39

PART II: SELF-DETERMINATION THEORY

3. <i>Cognitive Evaluation Theory: Perceived Causality and Perceived Competence</i>	43
The Effects of Monetary Rewards	44
Perceived Causality: Internal to External	49
Other Extrinsic Rewards	49
Reward Salience and Expectancy	52
Constraints and Other Extrinsic Factors	54
Perceived Causality: External to Internal	57
Perceived Competence: Increases	58
Perceived Competence: Decreases	60
Cognitive Evaluation Theory	62
Proposition I	62
Proposition II	63
Proposition III	63
Evolution of the Theory	64
Motivationally Relevant Processes	65
Reward Administration and Types of Tasks	72
Reward Contingencies	72
The Nature of the Task	81
Summary	85
4. <i>Cognitive Evaluation Theory: Interpersonal Communication and Intrapersonal Regulation</i>	87
Interpersonal Contexts	88
Performance-Contingent Rewards	88
Positive Feedback	91
Self-Administration	93
The Meaning of Controlling	95
The Meaning of Informational	96
The Communicator and the Context	98
Characteristics of the Perceiver/Recipient	99
Sex Differences: Information and Control	99
Individual Differences in the Perceiver	102
Intrapersonal Regulation: Information and Control	105
Proposition IV	107
Experimental Investigations	108
Self-Determination and Causality	111
Summary	112

PART II: SELF-DETERMINATION THEORY

3. <i>Cognitive Evaluation Theory: Perceived Causality and Perceived Competence</i>	43
The Effects of Monetary Rewards	44
Perceived Causality: Internal to External	49
Other Extrinsic Rewards	49
Reward Salience and Expectancy	52
Constraints and Other Extrinsic Factors	54
Perceived Causality: External to Internal	57
Perceived Competence: Increases	58
Perceived Competence: Decreases	60
Cognitive Evaluation Theory	62
Proposition I	62
Proposition II	63
Proposition III	63
Evolution of the Theory	64
Motivationally Relevant Processes	65
Reward Administration and Types of Tasks	72
Reward Contingencies	72
The Nature of the Task	81
Summary	85
4. <i>Cognitive Evaluation Theory: Interpersonal Communication and Intrapersonal Regulation</i>	87
Interpersonal Contexts	88
Performance-Contingent Rewards	88
Positive Feedback	91
Self-Administration	93
The Meaning of Controlling	95
The Meaning of Informational	96
The Communicator and the Context	98
Characteristics of the Perceiver/Recipient	99
Sex Differences: Information and Control	99
Individual Differences in the Perceiver	102
Intrapersonal Regulation: Information and Control	105
Proposition IV	107
Experimental Investigations	108
Self-Determination and Causality	111
Summary	112

5. <i>Toward an Organismic Integration Theory: Motivation and Development</i>	113
The Nature of Development	113
The Organismic Integration Process	116
Intrinsic Motivation and Development	120
Intrinsically Motivated Behavior	121
The Effects of the Environment	122
The Development of Intrinsic Motivation	127
Extrinsic Motivation and Development	129
Evidence for Internalization	132
Internalization and the Integrative Process	133
Individual Differences in Children's Self-Regulation ...	140
Internalization and the Environment	143
Summary	147
6. <i>Causality Orientations Theory: Personality Influences on Motivation</i>	149
Behaviors and Initiating Events	151
Causality Orientations	152
The Autonomy Orientation	154
The Control Orientation	157
The Impersonal Orientation	159
The Development of Causality Orientations	160
The General Causality Orientations Scale	163
Self-Determination	163
Self-Actualization	164
Self-Esteem	165
Locus of Control	166
Self-Consciousness	168
Other Constructs	169
Emotions and Attitudes	171
Behaviors	172
Summary of Scale Development	174
Summary	175

PART III: ALTERNATIVE APPROACHES

7. <i>Operant and Attributional Theories</i>	179
Operant Theory	180
Rewards and Response Rates	181
"Failures" to Replicate	182

Competing Responses and Boredom	184
The Focus of One's Analysis	185
Summary	188
Cognitive Approaches	189
Interpersonal Attributions	190
Attribution Theories	191
Attributing Motivation	194
Self-Attributions	200
Perceiving Intrinsic Motivation in Oneself and Others ...	206
Metatheoretical Considerations	208
Summary	211
 8. <i>Information-Processing Theories</i>	 213
Expectancy Theories	215
Vroom's Model	215
Atkinson's Model	218
The Issue of Task Difficulty	221
Bandura's Theory	223
Hunt's Theory	225
Inadequacies of the Cognitive Theories	228
Self-Determination Theory: An Information-Processing Representation	229
Inputs of Information	229
Causality Orientations	231
Self-Determined Behavior	231
Non-Self-Determined Behavior	239
Summary	242

PART IV: APPLICATIONS AND IMPLICATIONS

9. <i>Education</i>	245
Intrinsic Motivation in the Classroom	246
Classroom Structure	250
The Interpersonal Context: Teachers' Orientations	252
Intrinsically Motivated Learning	256
Extrinsic Motivation in the Classroom	261
Reinforcement Programs	261
Organismic Integration	264
Factors Affecting the Teacher	266
Pressure from Above	266

CONTENTS

Pressure from Below	268
Summary	270
10. <i>Psychotherapy</i>	273
The Therapeutic Process as Development	274
Maintenance and Transfer of Treatment Gains	277
Approaches to Therapy	284
Behavior Therapies	285
Psychoanalytic Therapies	286
Humanistic Therapies	288
General Principles	291
Summary	291
11. <i>Work</i>	293
Self-Determination in Organizations	294
Theories Y and Z	295
Reward Structures	298
Research on Self-Determination in Organizations	301
The Interpersonal Context	302
Individual Differences	304
Experimental Change	306
Summary	310
12. <i>Sports</i>	313
Cognitive Evaluation Theory and Sports	315
Self-Determination and Perceived Locus of Causality ..	315
Optimal Challenge and Perceived Competence	318
Competition and Intrinsic Motivation	321
Indirect Competition	322
Direct Competition	323
Competition and Ego-Involvement	325
Sex Differences in Competitive Settings	326
Goals and Values	329
Motivation and the Experience of Sports	330
Summary	332
References	335
Author Index	359
Subject Index	367