

TABLE OF CONTENTS

List of Tables	ix
List of Charts	x
INTRODUCTION	1
CHAPTER ONE. TECHNOLOGY: GENERAL ISSUES	3
What is Technology?	3
Science and Technology	4
Technology and Its Ideological Context	6
The Process of Technological Development	6
Innovations	7
Selection of Resources	7
Means of Conversion	7
Diffusion and Adoption	8
Consequent Problems	8
Technology Transfer	9
History of the Term	9
Definitions of the Term	11
Economists' Views	12
Anthropologists' Views	16
Sociologists' Views	21
Summary	25
CHAPTER TWO. SOCIAL TECHNOLOGY TRANSFER I	27
General Issues	28
Social Technology Transfer: Intracultural and Intercultural	30
Functions and Goals of Social Technology	36
Manifest and Latent Functions	48
Research Possibilities	50

CHAPTER THREE. SOCIAL TECHNOLOGY USE I:	
INTERVENTION TECHNOLOGY IN NORTH AMERICA	53
What is Social Technology?	53
Social Sciences and Social Technology	56
Social Technology and the Ideological Process	62
The Continua of "Deserving" and "Blame"	69
Social Technology Development	69
Social Technology Use: The Basic Thesis	82
Social Technology Use: The Ideological Field	83
Social Technology Use: The Semantic Field	99
The Paradigmatic Mode	101
Mythologies Embedded in the Paradigmatic Mode	103
The Linguistic Modes	104
The Semantic Field Proper	109
The Two Fields: Similarities and Dissimilarities	111
Synonyms of the Semantic Field	115
Variable Functions of Synonyms	119
Social Technology Use: The Ecosystemic Field	125
Social Intervention Technology in Social Work: Some Observations	126
CHAPTER FOUR. SOCIAL TECHNOLOGY USE II:	
MANAGEMENT TECHNOLOGY IN NORTH AMERICA	131
Two Types of Social Technology	131
What Is Social Management Technology?	132
Social Management Technology: Some Observations	132
The Definition of the Management Situations	133
The Management Situation and the Ideological Field	144
The Management Situation and the Semantic Field	149
The Paradigmatic Modes	149
Mythologies Embedded in the Paradigmatic Modes	150
The Linguistic Modes	151
The Semantic Field Proper	152
Synonyms of the Semantic Field	157
Variable Functions of the Synonyms	159

The Management Situation and the Ecosystemic Field	160
Norms of Supervision vs. Norms of Consultation	161
CHAPTER FIVE. SOCIAL TECHNOLOGY USE III: SOME CONCLUDING REMARKS	163
Reference Groups in Social Technology	164
Personality Styles in Social Technology	164
Situations Requiring Social Technology Use: Some Examples	165
CHAPTER SIX. SOCIAL TECHNOLOGY TRANSFER II	167
Social Technology Transfer: Some Examples	167
Material, Design, and Capacity Transfer: Similarities and Differences Between Social and Other Technologies	168
Social Technology Transfer: The Basic Thesis	171
Research in Social Technology Transfer: Some Examples	172
A Case Study of Intervention Technology: Psychoanalysis	173
Another Case Study of Intervention Technology: Behavior Modification	186
CHAPTER SEVEN. The Transferability of Social Technology	191
CONCLUSIONS	195
NOTES	197
BIBLIOGRAPHY	210
INDEX	221

LIST OF TABLES

Table 1/Examples of Social Technology and Professions Which Use Them	31
Table 2/Examples of Different Technologies and Their Scientific Bases	55
Table 3/Examples of Direct or Indirect Use of Social Technologies . . .	57
Table 4/The Helping Situation and Its Ideological Assumptions	70
Table 5/Historically Rooted Ideologies Which Condition the Ideological Field in Social Technology Use	90
Table 6/Synonyms of The Semantic Field and Their Corresponding Nomenclatures	122
Table 7/The Nomenclatures in the Semantic Field and Their Variable Functions	124
Table 8/The Management Situation and Its Ideological Assumptions	138
Table 9/The Management Situation and Its Related Structures	145
Table 10/The Management Situation and Its Compliance Relationships	155
Table 11/Situations Requiring Social Technology Use in North America	166
Table 12/Some Examples of Social Technology Transfer	169
Table 13/Comparison of Concepts in Social and Other Forms of Technology Transfer	170
Table 14/Some Examples of Research on Social Technology Transfer	176

LIST OF CHARTS

Chart 1/Some Examples of Behavioral Elements Judged by Ideological Fields in Social Technology Use	85
Chart 2/Some Possible Parameters of the Ideological Field in Social Technology Use	88
Chart 3/Some Possible Parameters of the Semantic Field in Social Technology Use	100
Chart 4/Interactional Network Between Behavioral Elements, Ideological Field, and Semantic Field	106
Chart 5/Some Possible Parameters of the Ecosystemic Field in Social Technology Use	127
Chart 6/Conceptual Map of Social Technology Use	128
Chart 7/Some Examples of Behavioral Elements (in the Management Situation) Judged by Ideological Fields in Social Technology Use	146
Chart 8/Conceptual Map of Social Technology Transfer	174