Contents

Contril	butors	page xiii
Preface	3	xv
1	The minority influence effect: an alternative approach	
	Machteld Doms	1
1	Introduction	1
2	The genetic model of social influence and the experimental	
	research: a confrontation	3
2.1	The antecedent conditions of effective social influence	3
2.1.1	Dependency versus behavioral style	4
2.1.2	Consistent behavioral style: a sufficient condition for effect-	
	ive influence?	5
2.2	The relation between minority and majority influence	7
3	The innovation effect: a reappraisal	11
3.1	Some alternative hypotheses	11
3.2	Conclusions and implications for research methodology	13
4	A minority's consistent behavioral style: not a sufficient	
	condition for effective influence	16
4.1	The minority effect: a conceptual replication	16
4.1.1	Subjects	17
4.1.2	Results	17
4.1.3	Discussion	17
4.2	The response order of the minority influence targets: its	
	effect and its meaning	19
4.2.1	Subjects	19
1.2.2	Results	19
4.2.3	Discussion	21

vi	Contents	
5	The minority influence process: towards an integration with	
	the majority influence process	22
5.1	The minority influence effect: the result of a conformity	
	process?	22
5.1.1	Subjects	23
5.1.2	Results	23
5.1.3	Discussion	24
5.2	The unpredictability of the minority targets' behavioral	
	style: a codeterminant of the innovation effect	25
5.2.1	Subjects	27
5.2.2	Results	27
5.2.3	Discussion	27
6	Conclusion	29
	References	31
2		
2	Strategies of minority and majority influence	22
7	Stamos Papastamou	33
1	Introduction	33
2	The genetic model of influence	34
2.1	Consistent behavioral style: a necessary condition for	25
2.2	minority influence	35
2.2	Style of negotiation as a strategy of minority influence	37
3	The social context of social influence	39
4	The experimental paradigm	42
	Procedure	42
	The justionnaire	43 44
	The influence-inducing text	44
	Measurement of the image of the source	45
5	Minority and majority influence: an experimental approach	45
5.1	Minority influence	45
5.1.1	Initial conformity and minority negotiation style	50
5.1.2	Minority influence and individualization	54
5.1.3	Minority influence and psychologization	5 9
5.1.4 5.1.5	Counteracting psychologization	63
	Rigidity and minority identity	67
5.2	Majority influence Individual and collective control	68
5.2.1		73
6	The emergence of minority strategies of influence	/3
7	Minority strategies and the psychosocial determinants of	74
	their emergence	/4

	Contents	vii
8	The experimental paradigm	75
9	Conclusion	80
	References	81
3	Nonverbal communication or nonverbal behavior?	
	Towards a cognitive-motor theory of nonverbal behavior	
	Bernard Rimé	85
1	Introduction	85
1.1	In search of a body language	85
1.2	Sources of scepticism	87
2	Support for the paradox	89
2.1	Interactions with or without reciprocal visibility	89
2.1.1	Nonverbal behavior	89
2.1.2	Affective tone	89
2.1.3	Syntax, content and structure of verbal exchange	90
2.1.4	Synchronization of the interaction	91
2.1.5	Discussion	91
2.2	High and low density of communication	92
2.3	Speaker and listener roles	94
2.4	Restricting movements in an interpersonal situation	95
2.5	Nonverbal behavior and high versus poor verbal level	99
3	But why do they move?	100
3.1	The two bodily components of speech	100
3.2	The rhythmic components	100
3.2.1	Rhythm in speech	100
3.2.2	Dynamogenic effects of speech rhythms	101
3.2.3	Body rhythms and speech encoding	101
3.3	The analogical components	103
3.4	A theoretical background	106
3.4.1	Perception, motor activities and the symbolizing process	106
3.4.2	Motor activities in expression: the ontogenetic shift	108
3.4.3	Conclusion	111
4	Gestures, encoding and language styles	112
4.1	Gestures and encoding	112
4.1.1	Experimental manipulation of the communication channel	112
4.1.2	Correlative studies of gestures and speech	113
4.1.3	Experimental manipulation of movements	113
4.1.4	Conclusion	115
4.2	Language styles	115
4.2.1	Direct style and mediated style	115
~ 144 1 1	Miles before and minutes of the	

viii	Contents	
4.2.2	Verbal and nonverbal styles	116
4.2.3	The determinants of language styles	118
5	Social perception of nonverbal behavior	125
5.1	Nonverbal behavior as carrier of meanings	125
5.1.1	Motor correlates of human states	125
5.1.2	Movements and meanings	126
5.1.3	Decoding of human movements	128
5.2	The limits of nonverbal meanings	130
5.2.1	Isomorphism and redundancy	130
5.2.2	Perception of visible behavior	130
5.2.3	Verbal and nonverbal materials: the figure-ground	
	relationship	132
6	Conclusion	135
	References	135
4	A unified approach to the investigation of nonverbal and	
	verbal behavior in communication research	
	Siegfried Frey, Hans-Peter Hirsbrunner, Annemarie Florin,	
	Walid Daw and Robert Crawford	143
1	Introduction	143
2	Time-series notation as a principle for speech transcription	146
3	Time-series notation as a principle for movement	
	transcription	147
4	Principles of the Bernese System for time-series notation of	
	nonverbal interaction	149
4.1	Principles of the code	149
4.2	Reliability and resolution	151
4.3	Coding procedure	152
4.4	Principles of analysis of position-time-series	154
4.4.1	Contents of the data matrix	154
4.4.2	How to read a data matrix	155
4.4.3	A specific example	158
4.5	Graphic data management	159
4.6	Quantitative analysis	162
5	Nonverbal behavior in doctor-patient interaction	163
5.1	Method	164
5.2	Nonverbal indicators of recovery from depression	165
5.2.1	Classic nonverbal signs of depression	165

	Contents	ix
5.2.2	Indicators of the patients' recovery in the doctors' nonverbal	
	behavior	166
5.2.3	Indicators of recovery in the interactive organization of	
	movement phases and rest periods	168
5.2.4	Indicators of recovery in the patients' nonverbal behavior	170
1 6	Hidden cues in person perception, or the smile of the Mona	
	Lisa	174
⋌ 6.1	Judgment dimensions relevant to lateral head flexion	178
6.2	Interactive orientation in lateral head flexion	179
6.3	Gender-specific differences in the perception of a woman's	
	upright head	185
6.4	A word of caution	187
7	Two-channel research: new possibilities for an integrated	
	study of speech and movement	188
7.1	Sound segmentation and visual speech recognition: the	
	Sequel-Analysis Module (SAM)	189
7.2	Relating speech and movement: first results	194
8	Concluding remarks	195
	References	198
5	Polational and informational nattones in social association	
3	Relational and informational patterns in social cognition Guido Peeters	301
1	Outline of a theory	201
1.1	Introduction	201
		201
1.2	Basic concepts The differential action in a CO and AD are actually at the concepts	202
1.3	The differential activation of SO- and 3P-conceptualizations	203 205
1.4	Conclusion The relational matters and del (BDM)	
2	The relational pattern model (RPM)	205
2.1	Rationale and description of the model	206
2.1.1	Elementary relational input patterns	206
2.1.2 2.1.3	Elementary informational outputs	206
	Formulas equating elementary input- to-output patterns	207
2.2	Application of the RPM to a relational pattern with more	***
2.2	than two entities	208
2.3	Application of the RPM to complex dyadic patterns	209
3	Application of the RPM to the inference of traits from	~
~ -	sentiment relations	214
3.1	Introduction	214
3.2	A note on cognitive organization	214

X	Contents	
3.3	Explanation of liking-similarity and liking-likableness	
	effects	215
3.4	Application of the RPM	216
4	Experiment 1: partial confirmation of the RPM	217
	Method	218
	Results	219
	Discussion	220
	Conclusion	222
5	Experiment 2: further consolidation of experiment 1	222
	Method	222
	Results and discussion	223
	Conclusion	223
6	Evaluative trait-dimensions related to the SO-program	224
6.1	Introduction	224
6.2	Full analysis of data from experiment 1	225
	Design	225
	Results	225
	Discussion	226
6.3	Relational SP and OP weights of separate traits	228
6.4	SP and OP as a function of behavioral relations	229
7	Summary and conclusion	234
	References	236
6	Mere exposure: a search for an explanation	
	Norbert Vanbeselaere	239
1	Introduction	239
2	Response competition	241
3	Berlyne's theory	244
4	Experimental evidence	247
4.1	Frequency of exposure and importance of the experimental	
	task as determiners of stimulus evaluations: experiment 1	247
4.1.1	Method	248
4.1.2	Results	249
4.1.3	Discussion	250
4.2	Frequency of exposure and importance of the experimental	
	task as determiners of stimulus evaluations: experiment 2	251
4.2.1	Method	252
4.2.2	Results	252
4.2.3	Discussion	253

4.3.1 Method 4.3.2 Results 4.3.3 Discussion 4.4 The influence of repeated exposure upon affective ratings and response latency times: experiment 4 4.4.1 Method 4.4.2 Results 4.5.1 Discussion 4.5 Is repeated exposure a necessary condition? experiment 5 4.5.1 Method 4.5.2 Results 4.5.3 Discussion 4.6 Exposure frequency, free exploration, and affective ratings: experiment 6 4.6.1 Method 4.6.2 Results 4.6.3 Discussion 5 Summary and conclusions References 7 The dynamics of social competition in personal and categorical comparison-situations John Rijsman 256 257 258 269 270 271 272 275 276 276 277 278 279 279 279 279 279 279	256 259 260 261 262 264 266 267 267 268 269 271
4.3.2 Results 256 4.3.3 Discussion 266 4.4 The influence of repeated exposure upon affective ratings and response latency times: experiment 4 26.4.1 Method 26.4.2 Results 26.4.3 Discussion 26.4.5 Is repeated exposure a necessary condition? experiment 5 26.6 4.5.1 Method 26.7 4.5.2 Results 26.8 4.5.3 Discussion 26.9 4.5.4 Discussion 26.0 4.5.6 Exposure frequency, free exploration, and affective ratings: experiment 6 26.6 Method 26.6 Results 27.6 4.6 Discussion 27.7 Summary and conclusions 27.8 References 27.9 The dynamics of social competition in personal and categorical comparison-situations 27.9 John Rijsman 27.9	259 260 261 262 262 264 266 267 267 267 268 269 271
4.3.3 Discussion 4.4 The influence of repeated exposure upon affective ratings and response latency times: experiment 4 4.4.1 Method 4.4.2 Results 4.5 Is repeated exposure a necessary condition? experiment 5 4.5.1 Method 4.5.2 Results 4.5.3 Discussion 4.6 Exposure frequency, free exploration, and affective ratings: experiment 6 4.6.1 Method 4.6.2 Results 5 Summary and conclusions 7 The dynamics of social competition in personal and categorical comparison-situations John Rijsman 260 261 261 261 261 262 263 264 265 265 266 276 276 276 276 277 278 279 279 279 279 279 279	260 261 262 262 264 266 267 267 268 269 271
4.4 The influence of repeated exposure upon affective ratings and response latency times: experiment 4 26: 4.4.1 Method 26: 4.4.2 Results 26: 4.4.3 Discussion 26: 4.5.1 Is repeated exposure a necessary condition? experiment 5 26: 4.5.1 Method 26: 4.5.2 Results 26: 4.5.3 Discussion 26: 4.5.3 Discussion 26: 4.5.4 Exposure frequency, free exploration, and affective ratings: experiment 6 26: 4.6.1 Method 26: 4.6.2 Results 27: 4.6.3 Discussion 27: 5 Summary and conclusions 27: 5 Summary and conclusions 27: 7 The dynamics of social competition in personal and categorical comparison-situations John Rijsman 27: 4.6.3 Discussion 27: 4.6.3 D	261 262 262 264 266 267 267 267 268 269 271
and response latency times: experiment 4 4.4.1 Method 4.4.2 Results 4.4.3 Discussion 4.5 Is repeated exposure a necessary condition? experiment 5 4.5.1 Method 4.5.2 Results 4.5.3 Discussion 4.6 Exposure frequency, free exploration, and affective ratings: experiment 6 4.6.1 Method 4.6.2 Results 4.6.3 Discussion 5 Summary and conclusions 7 The dynamics of social competition in personal and categorical comparison-situations John Rijsman 26 26 26 27 27 27 27 27 27 27	262 264 266 267 267 267 268 269 271
4.4.1 Method 4.4.2 Results 26.4.4.3 Discussion 26.4.5 Is repeated exposure a necessary condition? experiment 5 4.5.1 Method 26.4.5.2 Results 26.4.5.3 Discussion 26.4.6 Exposure frequency, free exploration, and affective ratings: experiment 6 26.4.6.1 Method 26.4.6.2 Results 27.4.6.3 Discussion 27.2 27.4.6.3 Discussion 27.2 27.4.6.3 Discussion 27.5 Summary and conclusions 27.6 References 27.6 The dynamics of social competition in personal and categorical comparison-situations 30 John Rijsman 27.5	262 264 266 267 267 267 268 269 271
4.4.2 Results 4.4.3 Discussion 4.5 Is repeated exposure a necessary condition? experiment 5 4.5.1 Method 4.5.2 Results 4.5.3 Discussion 4.6 Exposure frequency, free exploration, and affective ratings: experiment 6 4.6.1 Method 4.6.2 Results 4.6.3 Discussion 5 Summary and conclusions 7 References 7 The dynamics of social competition in personal and categorical comparison-situations 10hn Rijsman 266 267 267 278 279 270 270 270 270 270 270 270 271 271 271 272 273 274 275 276 276 277 278 279 279 279 279 279 279 279 279 279 279	262 264 266 267 267 267 268 269 271
4.4.3 Discussion 4.5 Is repeated exposure a necessary condition? experiment 5 4.5.1 Method 4.5.2 Results 4.5.3 Discussion 4.6 Exposure frequency, free exploration, and affective ratings: experiment 6 4.6.1 Method 4.6.2 Results 4.6.3 Discussion 5 Summary and conclusions 7 References 7 The dynamics of social competition in personal and categorical comparison-situations John Rijsman 264 265 267 278 279 270 270 270 271 272 274 275 276 276 277 278 279 279 279 279 279 279	264 266 267 267 267 268 269 271
4.5 Is repeated exposure a necessary condition? experiment 5 4.5.1 Method 26: 4.5.2 Results 26: 4.5.3 Discussion 26: 4.6 Exposure frequency, free exploration, and affective ratings: experiment 6 26: 4.6.1 Method 26: 4.6.2 Results 27: 4.6.3 Discussion 272 5 Summary and conclusions References 274 7 The dynamics of social competition in personal and categorical comparison-situations John Rijsman 275	266 267 267 267 268 269 271
4.5.1 Method 4.5.2 Results 26. 4.5.3 Discussion 26. 4.6 Exposure frequency, free exploration, and affective ratings: experiment 6 26. 4.6.1 Method 26. 4.6.2 Results 27. 4.6.3 Discussion 272 5 Summary and conclusions References 276 7 The dynamics of social competition in personal and categorical comparison-situations John Rijsman 279	267 267 267 268 269 271
4.5.2 Results 4.5.3 Discussion 4.6 Exposure frequency, free exploration, and affective ratings: experiment 6 4.6.1 Method 4.6.2 Results 4.6.3 Discussion 5 Summary and conclusions References 7 The dynamics of social competition in personal and categorical comparison-situations John Rijsman 26.2 26.3 26.4 27.4 26.5 27.4 27	267 267 268 269 271
4.5.3 Discussion 4.6 Exposure frequency, free exploration, and affective ratings: experiment 6 4.6.1 Method 4.6.2 Results 4.6.3 Discussion 5 Summary and conclusions References 7 The dynamics of social competition in personal and categorical comparison-situations John Rijsman 26. 26. 27. 27. 27. 27. 27. 27.	267 268 269 271
4.6 Exposure frequency, free exploration, and affective ratings: experiment 6 269 4.6.1 Method 269 4.6.2 Results 271 4.6.3 Discussion 272 5 Summary and conclusions 274 References 276 7 The dynamics of social competition in personal and categorical comparison-situations John Rijsman 279	268 269 271
experiment 6 269 4.6.1 Method 269 4.6.2 Results 279 4.6.3 Discussion 272 5 Summary and conclusions 274 References 276 7 The dynamics of social competition in personal and categorical comparison-situations John Rijsman 279	269 271
4.6.1 Method 269 4.6.2 Results 279 4.6.3 Discussion 272 5 Summary and conclusions 274 References 276 7 The dynamics of social competition in personal and categorical comparison-situations John Rijsman 279	269 271
4.6.2 Results 27: 4.6.3 Discussion 272 5 Summary and conclusions 274 References 276 7 The dynamics of social competition in personal and categorical comparison-situations John Rijsman 279	271
4.6.3 Discussion 272 5 Summary and conclusions 274 References 276 7 The dynamics of social competition in personal and categorical comparison-situations John Rijsman 279	
5 Summary and conclusions 274 References 276 7 The dynamics of social competition in personal and categorical comparison-situations John Rijsman 279	3
References 276 7 The dynamics of social competition in personal and categorical comparison-situations John Rijsman 279	4
7 The dynamics of social competition in personal and categorical comparison-situations John Rijsman 279	274
categorical comparison-situations John Rijsman 279	276
categorical comparison-situations John Rijsman 279	
John Rijsman 279	
	279
1 Introduction 279	279
2 Theoretical analysis of the motivation to discriminate	
•	280
2.1 Further specification of the dynamics of the social com-	
	283
	287
•	288
	290
3.1 The effect of personal and categorical social comparison	
when less intense external pressure is brought to bear upon	
3.2 Further replication and exploration of the observed dif-	293
ference between the effect of personal and categorical social	293
*	293
3.3 Manipulation of the degree of identity between the personal	293295
status and the categorical status 29	

xii	Contents	
3.4	Some changes in the social competition between interacting individuals when comparing themselves as a group with	
	another group	301
4	Conclusion	308
	References	310
	•	
Index	of names	313