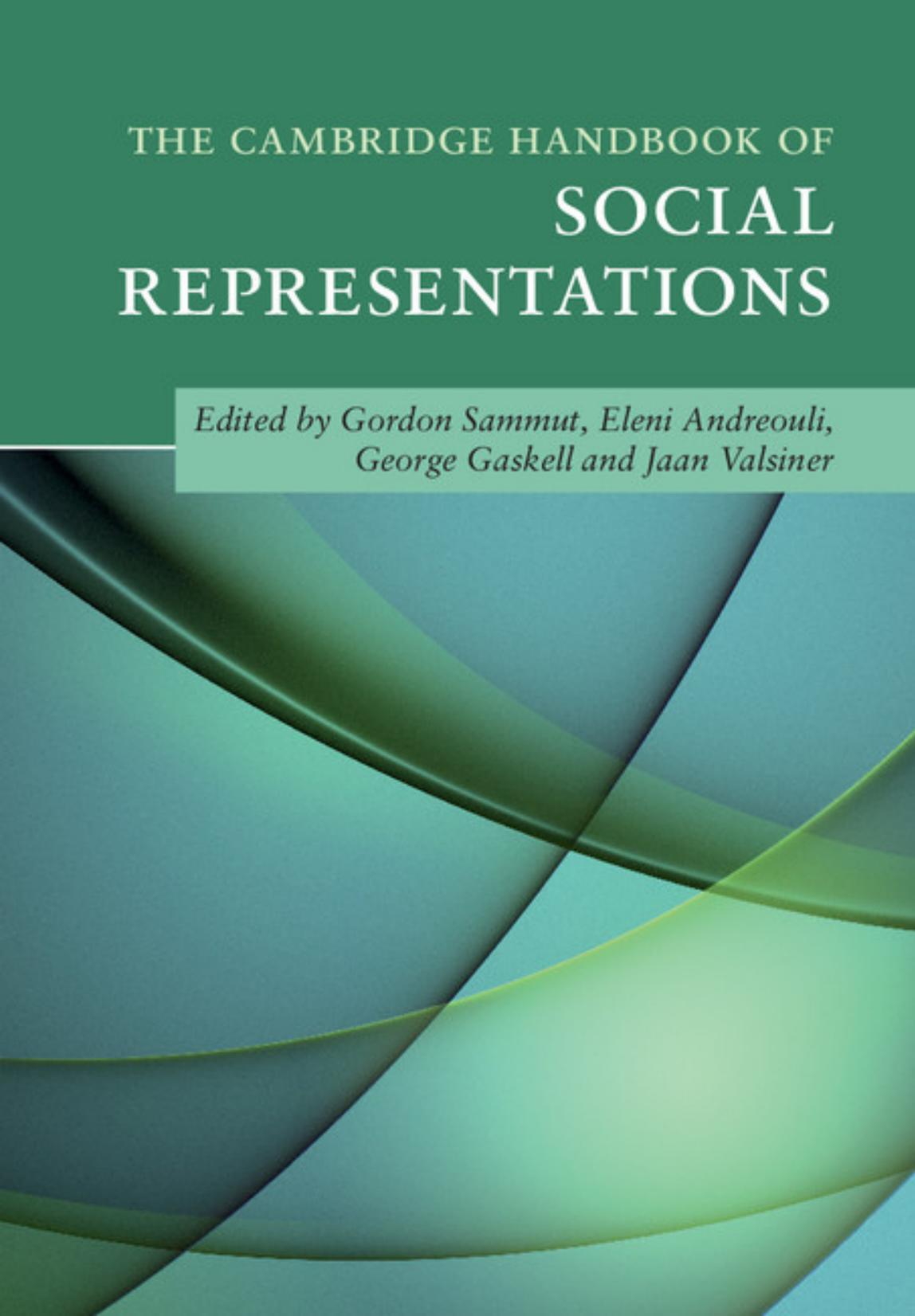


THE CAMBRIDGE HANDBOOK OF  
SOCIAL  
REPRESENTATIONS

*Edited by Gordon Sammut, Eleni Andreouli,  
George Gaskell and Jaan Valsiner*

The background of the cover features a complex, abstract design of overlapping, curved bands. The colors range from a deep forest green to a bright, almost white light green, with some areas appearing as a soft, pale blue. The bands curve and intersect, creating a sense of depth and movement. The overall aesthetic is modern and academic.



## **The Cambridge Handbook of Social Representations**

A social representations approach offers an empirical utility for addressing myriad social concerns such as social order, ecological sustainability, national identity, racism, religious communities, the public understanding of science, health and social marketing. The core aspects of social representations theory have been debated over many years and some still remain widely misunderstood. This handbook provides an overview of these core aspects and brings together theoretical strands and developments in the theory, some of which have become pillars in the social sciences in their own right. Academics and students in the social sciences working with concepts and methods such as social identity, discursive psychology, positioning theory, semiotics, attitudes, risk perception and social values will find this an invaluable resource.

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# **The Cambridge Handbook of Social Representations**

Edited by

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Eleni Andreouli

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# Contents

<i>List of figures</i>	page viii
<i>List of tables</i>	x
<i>List of contributors</i>	xi
<i>Preface</i>	xiii

## **Part I. Foundations**

1 Social representations: a revolutionary paradigm?	3
GORDON SAMMUT, ELENI ANDREOULI, GEORGE GASKELL AND JAAN VALSINER	
2 Representation in action	12
WOLFGANG WAGNER	
3 Social representations and societal psychology	29
CLAUDIA ABREU LOPES AND GEORGE GASKELL	
4 On (social) representations and the iconoclastic impetus	43
MARTIN W. BAUER	
5 Researching social representations	64
UWE FLICK, JULIET FOSTER AND SABINE CAILLAUD	

## **Part II. Conceptual developments**

6 Central core theory	83
PASCAL MOLINER AND JEAN-CLAUDE ABRIC	
7 Attitudes, social representations and points of view	96
GORDON SAMMUT	
8 Communication and the microgenetic construction of knowledge	113
CHARIS PSALTIS	
9 Image, social imaginary and social representations	128
ANGELA ARRUDA	

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10	Collective remembering as a process of social representation BRADY WAGONER	143
11	Cognitive polyphasia, knowledge encounters and public spheres SANDRA JOVCHELOVITCH AND JACQUELINE PRIEGO-HERNÁNDEZ	163
12	Making community: diversity, movement and interdependence CAROLINE HOWARTH, FLORA CORNISH AND ALEX GILLESPIE	179
<b>Part III. New directions</b>		
13	Social representations and social construction: the evolutionary perspective of installation theory SAADI LAHLOU	193
14	From representations to representing: on social representations and discursive-rhetorical psychology STEPHEN GIBSON	210
15	Positioning theory and social representations ROM HARRÉ AND FATHALI MOGHADDAM	224
16	Social semiotics and social representations GIUSEPPE VELTRI	234
17	Identity process theory GLYNIS BREAKWELL	250
<b>Part IV. Applications</b>		
18	Representations of world history JAMES H. LIU AND CHRIS G. SIBLEY	269
19	Social order and political legitimacy CHRISTIAN STAERKLÉ	280
20	Social representations of sustainability: researching time, institution, conflict and communication PAULA CASTRO	295
21	Social representations of national identity in culturally diverse societies ELENI ANDREOULI AND XENIA CHRYSOCHOOU	309

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22	The essentialized refugee: representations of racialized 'Others'	323
	MARTHA AUGOUSTINOS, SCOTT HANSON-EASEY AND CLEMENCE DUE	
23	Exploring stability and change through social representations: towards an understanding of religious communities	341
	MOHAMMAD SARTAWI	
24	Of worlds and objects: scientific knowledge and its publics	358
	NICOLE KRONBERGER	
25	The self-control ethos	369
	HELENE JOFFE	
26	Social representations of infectious diseases	385
	VÉRONIQUE EICHER AND ADRIAN BANGERTER	
27	Social change, social marketing and social representations	397
	MARY ANNE LAURI	
	<i>References</i>	411
	<i>Index</i>	471

# Figures

1.1	The Toblerone model of social representations (after Bauer and Gaskell, 1999)	page 7
2.1	Mediation effect of self-identity for low ambivalence (bold beta coefficients, adj. R2 = 0.21) and for high ambivalence respondents (italic, adj. R2 = 0.29) (after Castro <i>et al.</i> , 2009)	16
2.2	Eight days' thermostat settings for 'valve' theory (upper) and 'control' theory (lower) subjects (schematic redrawing according to Kempton, 1986)	21
3.1	Coleman's macro–micro model	34
4.1	The basic unit of analysis and attribution of representations	53
4.2	The Toblerone model of social representations (after Bauer and Gaskell, 1999). From Bauer, M. W., & Gaskell, G. (1999). Towards a paradigm for research on social representations. <i>Journal for the Theory of Social Behaviour</i> , 29(2), 163–186. Copyright © 1999 by John Wiley & Sons, Inc. Reprinted by permission of John Wiley & Sons, Inc.	55
4.3	The irregular 'wind rose' model of social representations (Bauer and Gaskell, 2008). From Bauer, M. W., & Gaskell, G. (2008). Social representations theory: a progressive research programme for social psychology, <i>Journal for the Theory of Social Behaviour</i> , 38(4), 335–354. Copyright © 2008 by John Wiley & Sons, Inc. Reprinted by permission of John Wiley & Sons, Inc.	55
5.1	Alceste analysis of Bali climate conference	75
7.1	Point of view	107
7.2	A nested model of social behaviour: social representations, points of view, and attitudes (adapted from Bauer and Gaskell, 1999 and based on Heider's (1946) balance of reciprocity in the cognitive organization of attitudes)	109
14.1	Physical representation of Chamberlain's waving gesture by A13 (corresponding to lines 5–6 in the extract), with Chamberlain's original gesture (30 September 1938; from <a href="http://www.youtube.com/watch?v=FO725Hbzfls">www.youtube.com/watch?v=FO725Hbzfls</a> )	219
15.1	The positioning triangle	231

---

16.1	A representation of the different ways of conceiving the denotation–connotation–object relationships (adapted from Eco, 1973)	237
16.2	Recursive social significations underlying anchoring and objectification	245
27.1	Adjectives used to describe donors and non-donors	404
27.2	Representations of the human body	405
27.3	Number of organs transplanted from 1988 to 2005 (source: A. Bugeja, Transplant Coordinator, Malta, personal communication, 12.05.2007)	409

# Tables

6.1 Formal properties of central and peripheral elements	<i>page</i> 85
6.2 Expressive properties of central and peripheral elements	87
6.3 Psycho-social properties of the central and peripheral systems	88
6.4 Changes or transformations of social representations	89
11.1 Cognitive polyphasia: dimensions, constituents and levels of contradiction	172
11.2 Varieties of cognitive polyphasia: knowledge encounters and cognitive outcomes	175
16.1 A summary of the differences regarding connotative meanings within the structural semiotic paradigm and between the latter and interpretative approach	241
27.1 Campaign messages for groups with different social representations of the body	406
27.2 Perceptions of organ donation after the campaign	409

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# Preface

This handbook aims to take stock and to look forward at key theoretical, methodological and applied desiderata of the theory of social representations. It is designed to appeal to psychologists and social theorists, as well as scholars and students working in cognate disciplines including cultural studies, sociology, anthropology, political science, philosophy, communication studies and linguistics whose interests focus on the ordinary knowledge in the life-world.

In 1968 Gordon Allport wrote:

the modern social psychologist is haunted by the question: How can the individual be both a cause and a consequence of society. How can his nature depend indisputably upon the prior existence of cultural designs and upon his role in a pre-determined social structure, while at the same time he is clearly a unique person, both selecting and rejecting influences from his cultural surroundings, and in turn creating new cultural forms for the guidance of future generations? (Allport, 1968, p. 8)

Towards the end of ‘The historical background of modern social psychology’, Allport sets out the challenge for social psychology: the burning issues of war and peace, education, population control and effective democracy, are all in need of assistance. But he suggests that such assistance is unlikely to come from ‘small gem-like researches, however exquisite their perfection’. Will, he asks, the current preoccupation with methods and miniature models lead to theory and application? He goes on: ‘integrative theories are not easy to come by: like all behavioural science social psychology rests ultimately upon broad meta-theories concerning the nature of man and the nature of society’. Allport contrasts the ‘high level conceptualisations’ of the likes of Machiavelli, Bentham and Comte with the contemporary non-theoretical orientation of the empiricists. He hoped that the tide might turn (Allport, 1968, p. 69).

The turning of the tide is evidenced in this handbook, which brings together forty authors whose research is inspired by the theory of social representations. This theory traces its origins back to Durkheim’s notion of collective representations. Since its inception in Moscovici’s (1961/1976) writings, it has adopted a societal level of explanation to account for the fact that human behaviour, however assessed from the outside, is sensible within a cultural context that validates and legitimates such behaviour. The theory of social representations has thus served to advance the sociocultural agenda by highlighting how human behaviour is sensible within the

context of its production. Consequently, it has provided sociocultural theorists with a framework for studying and understanding sense-making processes in different sociocultural contexts.

The theory of social representations has come to stand as the foremost psychological theory for the study of common sense. Over the past fifty years it has stimulated much research that has addressed these concerns and charted its implications on varied psychological behaviour such as communication (Moscovici, 1961/1976), social cohesion (Duveen, 2008), social cognition (Augoustinos, Walker and Donaghue, 2005), identity (Moloney and Walker, 2007), dialogicality (Marková, 2003), discourse (Wagner and Hayes, 2005), and others. And while much sociocultural research draws inspiration from the theory of social representations, publications in the field remain dispersed in innumerable journals and volumes that have researched these concerns and advanced our understanding of psychological phenomena in their context of production.

The theory of social representations takes a societal or sociocultural perspective. Sociocultural characteristics have featured in the psychology agenda since the beginnings of the discipline. Indeed, Wundt's (1916) concern with 'folk psychology' balanced the remit of study for the discipline by including concerns with mental events that originate in community life alongside concerns with physiology and the biological basis of human behaviour. Wundt thus included within psychology's remit concerns with language and cognate phenomena such as customs, religion, myth and magic (Farr, 1996). The quest for understanding human behaviour in its situational and cultural contingencies is, therefore, not new. However, in recent years the discipline has witnessed a concerted effort on the part of sociocultural psychologists who have sought to emphasize the fact that environmental, social and cultural conditions constitute an invariable condition for the very existence of psychological phenomena (Valsiner and Rosa, 2007; Valsiner, 2012).

In essence, human behaviour differs widely across behavioural conditions. The fact of individual differences in behavioural outcomes is well known and has received considerable scholarly attention. In response to a similar stimulus, an individual may respond in a certain way while another individual may respond in a totally different manner due to their personal inclinations. Human behaviour, however, differs even more widely than this. It differs due to social and cultural conditions that determine how a thing is perceived (Moscovici, 1984b), what construal of that thing is brought to bear in describing and understanding that behaviour (Ross and Nisbett, 1991), and what repertoire of behavioural outcomes is plausible and legitimate as a course of action for that individual in a given society (Wagner and Hayes, 2005). In this complex determination of behaviour, social and cultural conditions characterize psychological phenomena. Sociocultural psychology has drawn our attention to the fact that social and cultural conditions give rise to particular psychological phenomena that manifest within contexts which shape their emergence as well as ontogenetic progression. Understanding human behaviour in its manifold complexity, therefore, requires more than an appreciation of individual differences. It further requires sensitivity to those

extra-individual conditions that also determine behavioural outcomes. A consequence of this added focus is that assumptions of universality and standardization across cultural conditions are challenged. Sociocultural differences require a particular and specific focus on cultural elements that give rise to intercultural differences in the manifestation of psychological phenomena.

This handbook brings together various theoretical strands and developments that have emerged from the theory of social representations, some of which have become pillars in social psychology in their own right and have stimulated further inquiry in their turn. It also extends the social scientific agenda beyond that of the theory of social representations and into equally relevant concepts and domains of inquiry such as social identity, discursive psychology, positioning theory, semiotics and others.

The chapters provide an overview of the core aspects of the theory that have been debated over the years, some of which remain widely misunderstood, and provide an up-to-date account of developments such that further productive inquiry can be stimulated. Finally, the handbook will serve as an invaluable tool in the teaching of the theory of social representations. The theory has gained popularity over the years and routinely features in both undergraduate and postgraduate social psychology curricula in many countries. This handbook matches theoretical aspirations with real-world empirical concerns of interest to those of a sociocultural persuasion.

The handbook is divided into four parts. The first part, 'Foundations', deals with foundational issues and with the core concepts and debates within social representations theory. The second part, 'Conceptual developments', elaborates further notions and concepts that have become part of the social representations approach to sociocultural psychology. The third part, 'New directions', reviews some of the major social psychological theories that have furthered the theory of social representations and advanced the sociocultural agenda. The final part, 'Applications', presents empirical studies that have been undertaken in diverse fields and which demonstrate the breadth of application and the utility of a social representations approach.

GORDON SAMMUT, ELENI ANDREOULI,  
GEORGE GASKELL AND JAAN VALSINER



## PART I

# Foundations

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The first part of this handbook addresses a number of foundational concerns that can be traced back to the origins of social representations theory in Moscovici's (1961/1976) study *La Psychanalyse, son image et son public*. Since its inception, social representations theory has contended with a number of conceptual and empirical issues that have drawn the interest and criticism of scholars in equal measure. The lack of conceptual clarity has enabled both a theoretical and an empirical eclecticism to arise over the years, and arguably this has enabled the theory to thrive and to address myriad social and psychological issues in its later developments. Fifty years later, this handbook revisits these foundational concerns in order to take stock of the contributions that have shaped the theory's development and to elucidate the characteristic contribution that social representations theory has made to social and cultural psychology in the understanding and explanation of social and psychological phenomena.

The five chapters of this opening part of the book disambiguate certain notions that have proven thorny over the years, such as the scope of action in social representations and the theory's relevance in the study and explanation of human behaviour. They also address the merits and concerns of theorizing and conceptualizing 'representations' and the 'social'. In doing so, they are intended to help the reader to understand what analytical and explanatory levels the theory is suited to address, and to identify the sort of phenomena that the theory has served to investigate. Finally, this part of the book aims to provide the reader with a blueprint for further developments and applications. It presents a wide-ranging discussion of empirical methods in order to provide social representations scholars and researchers with the required toolkit for an enquiry into social affairs and human conduct.



# 2 Representation in action

Wolfgang Wagner

## Behaviour and action

### Of ducks and men

My office window opens on to a large pond where ducks, swans, coots and the occasional bird-loving person with an interest in feeding them can be observed. As soon as a bird lover approaches the rim of the pond and opens a paper bag, a lot of birds start eagerly moving in the direction of the rustling sound produced by the bag. Once there, both the birds and the man or woman providing dry bread appear to be happily united in a pattern of animal and human behaviour. I find this pattern of human behaviour and the complementary waterfowl behaviour quite instructive: first, it illustrates the conceptual difference between behaviour and action; second, it highlights a widely distributed – but in my opinion wrong – belief of attitude and intention ‘causing’ behaviour; and third, it is a nice example of how behaviours happen in concert. Each of these points will be discussed in the sections that follow.

The term ‘behaviour’ is obviously an observer term applied to an organism’s activity that we do not or cannot deeply empathize with. On the other hand, if a person describes what he or she is doing or has done, the person will say that he or she ‘acted’. Hence, ‘action’ is an actor’s term or a term used in talk about another person one can empathize with. This concurs with a host of experimental findings in attribution theory where the perspective of actors makes them explain their behaviour by external, situational factors in contrast to internal, personality-related causes, as observers tend to do. The actor has a more intimate knowledge of the reasons relating to his or her behaviour, while observers are deprived of this knowledge.

Consequently, in the case of our university pond, we would talk about the ducks as behaving. The persons’ feeding of the waterfowl will be imagined as an action. The crucial difference is the justification an actor – if asked for – can provide for his or her actions that, even with a considerable stretch of imagination, birds cannot provide. Birds cannot account for their behaviour in symbolic terms; people can.

In the rest of this chapter I will discuss behaviour and action and their articulation with beliefs and social representations. I will reject the common-sensical idea of behaviour being caused by beliefs that is so often invoked in theory and implemented in empirical studies. Instead of the idea of a contingent causation of

behaviour, I suggest a view where action is part and parcel of a social representation as can be seen in their microgenesis, the fact that actions attain meaning only in the long run, and that representations come to bear on patterns of cooperating individuals and interacting collectives. Finally, overt action takes primacy as the only psychological event that links directly to material reality.

### **The paradox of overt behaviour in psychology**

There are two types of behaviour that play a conceptual role in psychology: verbal behaviour as in talking and writing; and bodily or overt behaviour that involves posture, change in body position, arm and leg movements, locomotion, and so on. In what follows I will call the latter kind of behaviour ‘overt’, although language use or verbal behaviour are also overt since they do require mouth movements and the production of acoustic stimuli.

Given the centrality of overt behaviour in everyday life and considering the label of a field such as behavioural science, it is rather paradoxical that the vast majority of research in social and behavioural sciences is almost exclusively done with verbal data. Virtually all studies about behaviours and activities employ questionnaires, probing respondents’ memory or attitudes for past or imagined behaviours. These studies take verbal responses as a proxy of the overt behaviour being addressed in the questionnaire item. Rarely do researchers verify whether their assumption is justified, that is, if verbal recall corresponds with the respondents’ real overt behaviour as manifested in the past. Be it as it may, the dominant methodology of social, behavioural and psychological sciences creates the impression that verbal behaviour is all you need to research overt behaviour.

I can think of two reasons for omitting overt behaviour from research designs: first, it is far more economical to restrict data collection to questionnaires and interviews than it is designing an observational study for a lengthy time period. This ‘economy argument’ may well hold a kernel of truth if there were no serious consequences of this deficit in data collection; but then it is hard to understand how we can maintain a ‘behavioural science’.

The second reason is the ‘irrelevance argument’: couldn’t it be that overt behaviour per se is rather irrelevant for the symbolic ‘truths’ of our local worlds being addressed by social sciences? The irrelevance argument could be invoked if the principal conveyer of meanings were only words, either spoken or written, and not, for example, the hand gesture used to usher a person to a seat. According to this argument, language should be able to represent and carry everything that overt action can convey in a reliable and veridical way. If this were the case one could safely judge persons by their words instead of by their deeds; but is this assumption warranted?

The ‘irrelevance argument’ does indeed receive some support from studies that have engaged in time-consuming observation of overt behaviours, albeit not a support that the researchers intended. For example, Barker (1968) and colleagues

worked on their theory of ‘behaviour settings’ by observing the behaviour of people at different locations in a small town for almost twenty years. They did this in order to identify the stable behaviour patterns typical of certain locations such as at shops, markets, the church, pubs and so on. Now, if I tell you, the reader, the results, don’t hold your breath: indeed, what was found, was not far from what one could have inferred from talking to a local informant. The researcher took the position of an observer similar to the one watching the ducks on our pond instead of recognizing the competence of the inhabitants in mastering their environment and everyday life, that is, the actors’ representation of the environment and the associated behaviours. In everyday life people’s behaviour in different situations, locations and times has an unstrained and smooth oneness that resists easy conceptual decomposition. Any culturally competent informant can recognize how people’s engagement with their environment is reflected in the social and cultural world; and vice versa, the particular forms of the human environment would not exist without the collective activity of the protagonists, a point that Barker and colleagues dismissed. Thus, there could be some truth in the argument that overt behaviour is not a privileged data source when it comes to exploring social worlds. This is in spite of a daily life where people constantly have to take action in the service of their social standing; that is, where they are under the rule of what I call the everyday ‘pragmatic imperative’ (Wagner and Hayes, 2005, p. 78).

## Behaviour as a consequence of belief and attitude

### Attitudes causing behaviour

It is part of common sense that our everyday behaviour is guided by what we know about the world and by how we think we can achieve a goal. This common sense has been ‘scientifically’ framed in the Theory of Self-Efficacy (Bandura, 1977). The most basic assumption of this theory is that what people achieve by doing is better predicted by what they believe they are able to achieve than by objective factors because the individual already anticipates these factors in his or her planning: people who regard themselves as highly efficacious produce their own future, rather than simply foretell it (Bandura, 1986). In more mundane words, people will reach any goal that they strongly desire, if they possess – and know they possess – the required capabilities and where no objective obstacle prevents them from homing in on this goal.

More explicitly this view of the mind–behaviour link is formulated in the so-called ‘Theory of Planned Behaviour’ (Ajzen, 1991). This theory holds that first there is a deliberate cognitive process where humans plan an action by following their attitudes, their beliefs about whether they may be able to control future behaviour or not, and their subjective norms regarding proper behaviour in the given situation. These factors result in a behavioural intention, which in turn causes

the planned behaviour to be executed. The successful action then consumes the intention.

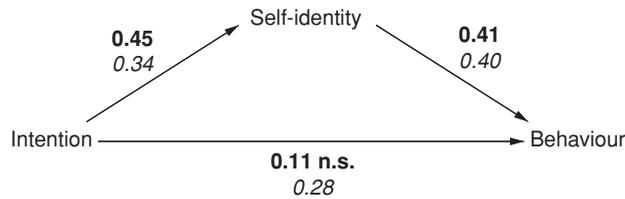
There is mixed empirical support for this theory, particularly for the role subjective norms, that is social beliefs, play in determining behaviour. In particular, studies have shown that social norms only have a significant impact on intention formation if the source of the norms, the referent others, pertain to the same group as the actor. In other words, the influence of norms on behaviour is conditioned by group identification and occurs primarily with in-group norms (Terry and Hogg, 1996). This finding fits with the tenets of Social Identity and Self-Categorization Theory, which state that persons will assimilate into their in-group's behavioural tendencies (Hogg, 2006).

Irrespective of these details, the Theory of Planned Behaviour postulates a causal chain from mental states, attitudes, norms and behavioural beliefs to behavioural intentions, which determine subsequent behaviours. In the language of psychological experimentation, the mental elements preceding behaviour are independent variables and the observable behaviour is the dependent variable. Let's keep this in mind for when we come back to this assumption and a concomitant form of theorizing later in this chapter.

## **Representations 'informing' behaviour**

As with other psychological approaches, social representations theory has a say over how behaviour comes about and is being shaped. In an experiment designed as a zero-sum game, Faucheux and Moscovici (1968) manipulated the expectations of experimental subjects about their alleged game opponents. One half of the participants was told that they were going to play against a 'random' programme, while the second half was supposedly playing against 'nature'. The terms were not explained any further, with the effect that the test participants had to rely on their representations of 'random' and 'nature'. In actual fact the gaming behaviour of the opponents in both cases was the same and controlled by a computer program. The dependent variable in this experiment was the cooperative or exploitative moves during the game.

The results revealed a marked influence of the representation that the initial manipulation had evoked. Subjects who believed that they were playing against 'nature' had the idea of a relatively good-natured and predictable opponent. The 'random' participants felt they were not able to predict the opposing moves which would have allowed them to estimate the chance of winning. Consequently, the participants in the 'nature' condition reported that they understood the logic of the payment table much better than subjects in the 'random' condition and hence they successfully maximized their gains. The authors concluded that either activating the representation of a predictable and thus controllable opponent, nature, or the opposite, chance, obviously determined the participants' gaming behaviour. Hence, the idea that representations are separate from, and guide, behaviour is at the cradle



**Figure 2.1** Mediation effect of self-identity for low ambivalence (bold beta coefficients, *adj. R<sup>2</sup> = 0.21*) and for high ambivalence respondents (*italic, adj. R<sup>2</sup> = 0.29*) (after Castro et al., 2009).

of social representations theory: this is necessarily implied if social representations enter as independent and behaviours as dependent variables in ANOVA-style experiments.

One of the contemporary societal problems that receives growing attention is ecological behaviour. In such studies the social psychologist's interest usually is to find links between normative stimuli and the corresponding pro-ecological behaviour.

A study by Castro and colleagues (2009) is framed in terms of an attitude–intention–behaviour model but it may also serve as an example of the social representation–behaviour link. The authors' relevant results comprise three variables that were collected as responses to questionnaire items: the intention to collect and separate metal cans, the respondent's self-identity subscribing to an ecological ideology or not, and self-reported recycling behaviour. The sample was divided in two groups: high and low ambivalent respondents in the sense of simultaneously maintaining, or not, contradictory attitudes about metal can recycling. In the present context, the authors' concept of 'self-identity' can be likened to a representation: if self-identity is high, then the respondent subscribes to a pro-ecological representation; with a low self-identity, the respondent does not maintain a positive ecological orientation. An analysis of how self-identity moderates the regression of behaviour on intention for low and high ambivalent respondents reveals an interesting finding (Figure 2.1). It shows that low ambivalent respondents stand by their self-identity exhibiting a high relationship between self-identity and action, while immediate intentions have no significant influence on behaviour. In other words, with low ambivalence, behaviour corresponds strongly with the degree of self-identified pro-ecological behaviour if there are no interfering 'second thoughts' about the costs of recycling.

The issue of metal can recycling is particularly suited to illustrating a significant positive representation–behaviour relationship. First, recycling metal cans is a complex behaviour that involves collecting empty cans in one's house, compacting them to save space, keeping them separate from the usual waste, and finally transporting them to a collection point. Such behaviour involves costs and is not a one-off affair. Additionally, at the time of the study recycling behaviour was a highly contentious issue that involved law-making and public deliberation. These latter factors are important ingredients of social representations that primarily come into being with conflict and debate.

An elaborate study on littering is a bit different. In fact, this is one of the few studies where actual overt behaviour in real-world settings played a role: the researchers observed littering behaviour in a central public space at their university and they were interested in interventions to reduce littering by students. The authors conclude ‘that a representational account was inadequate for explaining the pattern of attitudes and behaviour regarding littering’ (Liu and Sibley, 2004, p. 381). More predictive of cleanliness behaviour were situational changes such as mounted ashtrays. Measures of the representation–action link were general and specific items that assessed locally relevant attitudes and behaviour on one hand and the observed active dropping of litter on the other.

As admirable as the design of this study is, in my opinion it provides a less than ideal example for illustrating representations and associated behaviours. First, in contrast to the ‘metal can study’, it involved a behaviour that could have been ‘just so’, meaning that littering means just dropping a piece of wrapping paper or a cigarette butt and certainly not a reasoned action like recycling metal cans. Second, dropping litter at a site that is part of an architectural ensemble of buildings where cleaning staff is part of maintenance, is not the same as throwing litter away in open nature. Third, it can be assumed that littering probably was neither a contentious issue at the authors’ institution nor a societal problem at the time of the study. Consequently, we might not expect too strong a relationship between representations of cleanliness and actual littering.

Irrespective of the particular results of the afore-reported studies in the field of social representations theory, the common theorizing is that behaviours somehow follow from pre-existing representations. While somewhat different in their argument from Bandura, Ajzen and followers, the present authors leave the exact theoretical status of the relationship between representations and behaviour unclear. The design of the studies appears to imply some kind of temporal sequence between mental representation and overt behaviour, but whether this temporal sequence is to be interpreted as causal is not clarified.

### **Critique of the conventional belief–behaviour articulation**

This supposed causal ‘belief–(intention–)behaviour’ mechanism has been criticized as oversimplifying the structure of rational systems. Smedslund (1985), for example, likens the belief–behaviour relationship to a cultural logic that has nothing to do with a contingent causal relationship. Even though we can and do design experimental studies where beliefs are the independent and behaviours the dependent variables, a significant effect of belief on behaviour does not indicate causality but just illustrates a culturally implied relationship between belief and behaviour. That is, in contrast to textbooks of psychological methods maintaining that strictly designed experiments allow causal inferences (e.g. Bröder, 2011), whether a causal conclusion can be drawn depends on the character of the stimulus material and the psychological system under investigation. Smedslund (1978) showed that experiments ‘confirming’ Bandura’s ‘self-efficacy theory’ do

just reveal ‘necessarily true cultural psychologies’ akin to common sense. Others, using variants of this argumentation, have critically discussed causality assumptions in rational systems in a similar vein (Brandstädter, 1982; Greve, 2001; Holzkamp, 1986).

Following this lead I expanded Smedslund’s (1978) argument to the field of social representations theory where, rhetorically, behaviour is tightly linked to representations but is not a causal effect of mental states (Wagner, 1994a). Himmelweit (1990, p. 30) roughly makes this point when she states: ‘a social representation worth studying is one that makes a noticeable difference to the reactions of those accepting the representation compared with their beliefs and conduct before such acceptance’.

Despite this rhetoric, though, some experimental studies inspired by social representations theory speak of representations as ‘steering’, ‘controlling’, ‘influencing’ and ‘guiding’ behaviour and action (e.g. Echebarria Echabe, Guede and Castro, 1994; Faucheux and Moscovici, 1968; Thommen, Amann and von Cranach, 1988). These and other empirical studies subscribe to an ‘intentional causality’ either explicitly or implicitly by designing studies according to the idea of causal research: they first assess a belief as part of a representation, give it the status of an independent variable X, and subsequently ‘observe’ a verbal proxy of behaviour as the dependent variable Y. The rationale for this design is that the dependent behaviour is a causal consequence of the belief or representation. Hence, the underlying assumption is that ‘Thinking X makes or causes the subject to do Y.’ The rhetoric of social representations ‘guiding’ behaviour appears just as a thin semantic disguise of thinking in ‘causalities’.

The non-contingent, quasi-logical relationship between belief and action can be indirectly illustrated by research on the validity of self-reports and volitional behaviour: in a word-list learning experiment on the validity of subjects’ self-reports, Eagle (1967) asked one group of subjects to use a rote learning technique and the other group to use associative techniques. The associative technique was known to be superior to rote learning for the given task. After the learning phase the subjects reported which learning technique they actually had used. The results showed that performance depended only on what the subjects had reported. If they had reported using the rote technique, they had learned fewer words than when they reported having used the association technique. This effect was independent of the instructions given by the experimenter. Apart from the author’s intention to show that people report correctly about what they think and do, this experiment also makes the point that subjects in fact did what they thought or believed to be the best thing to do. Believing that the associative technique was the best thing to do immediately obliged the subjects to do exactly this. It was logical to do what they considered best; their doing was not contingently caused by their belief but necessary and rational under the precondition of their beliefs.

Other research on volitional behaviour or self-determination consistently shows that what people actually do depends significantly more upon what they believe and intend to do than upon objective situational determinants. Experiments on eating,

heterosexual affiliation behaviour and others revealed that effect sizes of volitional control factors are unusually high to a degree that virtually never can be observed in experiments with situational independent variables (Howard and Conway, 1986). This provides evidence to the point that representations, beliefs, volition and action are integrated with each other beyond contingency. In a nutshell, *any behaviour in an event where the actor possesses an a priori representation of the situation, is culturally necessary and not causally contingent on the representation.*

Let me give a quick example just in case any readers ask for an illustration of causality at this point. A contingent causal relationship would be, if a toddler's distressful crying triggered an adult to respond with protective behaviour (e.g. Boukydis and Burgess, 1982), notwithstanding any cultural variation of the extent and form of the adult's response. Given the adult possessed a representation of 'babies-needing-help', the causal link in this example is between the 'crying' stimulus and the adult's behaviour and not between the representation and the protective action; rather, the protective action is part and parcel of the representation.

None of the aforementioned arguments about cultural logics and excessive effect sizes provide empirical evidence for our position that behaviours are an integral part of representations; neither is this an empirical problem. The arguments are brought forward to justify a conceptual frame that is better suited to depict the position of behaviour in representations than the loose language used in some contemporary research.

## The place of behaviour in social representations theory

### Primacy of action in the genesis of representations

In the foregoing section I criticized the view of assigning social representations the status of 'independent' mental structures influencing 'dependent' behaviours. In fact, the 'independent–dependent' dichotomy is misleading and distracts from the fact that in social representations research the sequence of the two concepts does not denote temporal order. Whether overt or verbal behaviours – responding to questionnaire items – is first in a study is entirely up to the research design and not to some intrinsic temporal or logical necessity. Indeed, in the case of representations being formed by individuals in small groups – their microgenesis – overt behaviour may frequently precede the 'mental movement'.

In an ethnographic study of primary school classes, Kasanen, Rätty and Snellman (2001) provide evidence for the role of action in microgenesis. They observed teachers modifying the seating order in a class based on their conception of 'educability'. A new seating order required the pupils to obey and to reconstruct the representation of their position in the class's pecking and educability order. Their coping with these changes consisted in overt actions, in conversations among themselves and in disputes with the teacher. The result of this activity had a bearing on a new representation contingent on the changed situation. Obviously, the teacher's

modifications not only influenced seating order but also changed the behavioural space available to the pupils, which in turn changed their representations.

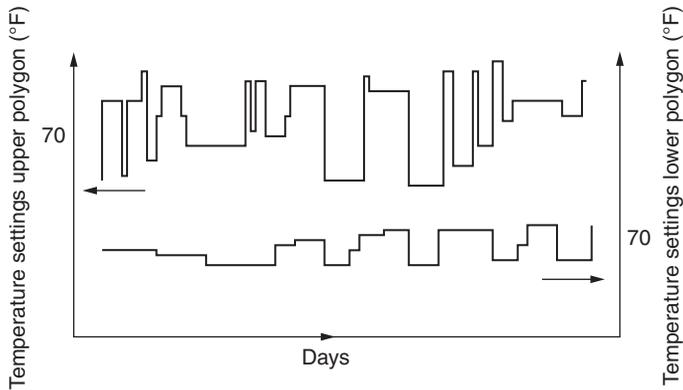
Similar observations of the development of children's gender representations, their interaction with toys and conversations with others of the same or opposite sex confirm the deep integration of overt behaviour and thinking in the microgenesis of gender-role beliefs (Lloyd and Duveen, 1992), as does research on forced behavioural compliance and subsequent changes in the mental part of representations (Renard *et al.*, 2007). Because the social world exists before and initially independent of an individual, he or she inadvertently has to interact with the existing objects and issues in order to get a 'feeling' for the world's constitution and repetitive collaborative patterns. This is just like the pupils in a rearranged classroom. The imposed pattern, finally, will be called a new social representation.

These studies provide an illustration of group members coming to terms with challenges to the received way of seeing the world. This requires pupils, for example, to negotiate a new class structure by way of a trial that first is anchored in established ways. As the pupils change their actions and reflect the forced situational changes in conversation and deliberation, it can be assumed that they have developed a social representation that renders the novel as part of their common sense. The change, however, does not come about by contemplation but by collective deliberation and activity. This places action at the root of a new representation and makes it its integral part; in other words, 'belief is part of the action' (Douglas, 1982, p. 200).

### **Dynamic patterns in behaviour and discourse**

To illustrate my critique of the dominant way of thinking about the belief-behaviour relationship a bit further, let us look at an investigation of vernacular beliefs about home heat control (Kempton, 1986). In this research, conducted within the tenets of cognitive anthropology, the author identifies two cultural models for the functioning of thermostat-regulated heating systems: the valve model and the cybernetic model. The former models furnaces as continuously adjustable to temperature demands. This implies that a room will heat fast with the lever turned high. The latter model pictures the lever technically correctly as a thermostat by means of which the desired temperature is preset and a control circuit does all further regulation. The two models imply crucially different behaviours: Kempton investigated these behaviours by recording switch settings, room temperature and furnace activity in different homes for several weeks. The result confirmed – not surprisingly – that the type of heat-control belief corresponds to subjects' control action: believers in the cybernetic model preset the temperature and believers in the valve model used the thermostat as a lever according to their belief that heating can be accelerated by high lever settings (Figure 2.2).

It seems that Kempton's research is striking evidence for the common-sense idea that beliefs determine behaviour or that representations guide action: beliefs and behaviours were assessed independently and their relationship observed. However,



**Figure 2.2** *Eight days' thermostat settings for 'valve' theory (upper) and 'control' theory (lower) subjects (schematic redrawing according to Kempton, 1986).*

even a cursory inspection of the patterns in [Figure 2.2](#) makes it clear that no single up or down movement of the lever can sensibly be predicted by the underlying folk model. Rather, the relationship between representations and action only becomes visible in the long run of extended activity. Also in Faucheux and Moscovici's (1968) study of 'gaming against chance and nature', it was not the gamers' single moves that reflected the two different representations, but the entire series of moves. Only when seen 'from afar' does a series of events and social actions exhibit a structure and form that is not shown by a 'snapshot' (Wagner, 1994a).

According to this understanding, social representations can be conceptualized as 'dynamic units' within volatile talk and other activity. Traditional units of analysis, such as a belief or an attitude, are conceived of as rigid, locally integrated mental entities with clear boundaries and whose definition is based on properties inherent to the unit itself. Dynamic units may be fuzzy and they are based on observing a stable pattern of correlation across the elements composing the unit. Their meaning cannot be separated from the context of observation: units are not defined unless within a specific context and thereby impart sense to the environment (Mandelblit and Zachar, 1998; Wagner, Mecha, and do Rosário Carvalho, 2008).

The entirety of interactions and formal and informal talk shows a pattern of correlation across actors and across time. This pattern acquires its meaning from the context within which it is performed. The emergent meaning creates the social objects such as the particular phenomenology of psychotherapeutic clients, their afflictions and the therapists' actions (Thommen *et al.*, 1988), 'heated homes' (Kempton, 1986) or the meaning of genetic engineering for their daily life (e.g. Gaskell *et al.*, 2001). These 'objects' exist at particular points in time, at particular places, and are the outcome of actions and interactions over time.

Social objects emerge as a dynamic unit in the visible pattern of correlated behaviours across actors and situations because 'individuals or collectives to some

extent see [them] as an extension of their behaviour and because, for them, it exists only because of the means and methods that allow them to understand the object' (Moscovici, 2008, p. 8). Equally, just as the objects are a result and part of behaviours, so the behaviours are an extension, and indeed part of the representation. The representation endows the behaviour with meaning, as 'there is no definite break between the outside world and the world of the individual' (ibid.). Actors with their reasons and agenda do what they do not because they want to realize some implicit representation but because they want to achieve something concrete; *people represent social objects in and through action*.

The foster-parents of mentally handicapped people in Jodelet's (1989/1991) seminal study took pains to keep their crockery and clothing separate from that of their guests when washing. This behaviour corresponded to a deep-seated belief in contagion and sympathetic magic that things in contact will spread impurity and transmit mental illness. These people represented mental illness in a comprehensive way where their verbal responses to the researcher's enquiry and their everyday behaviours were just two expressions of the same thing: the 'madness' of their guests.

### **Cooperational meaning in interaction**

The diversity of activities that unfold in a group's daily life can be overwhelming for the uninitiated observer. There are behaviours related to agriculture and gardening, building and construction, production and commerce, and a lot of others in all walks of daily life that serve a reproductive purpose. Any occasional observer easily understands these behaviours if he or she has some idea of the activity's aim and perhaps the technology involved. On the other hand there are behaviours the purpose and details of which are puzzling to an uninitiated observer. Most often these are related to ritual and religion, be it birth, coming of age, marriage, death or worship. Although comprised of overt behaviours, these activities do not easily disclose their aims and details except as a gross hunch. Observers may guess the reasons and occasions for them, but their concrete enactment escapes superficial observation. In contrast to the former group of activities, the latter carry a significant symbolic burden.

Imagine Gosh, an Indian tourist uninitiated into local Austrian culture, seeing a carpenter in his workshop struggling to move a plank to a work bench. As Gosh is a helpful person, he will consider helping the carpenter to move the plank and prevent it from falling. In virtually no culture would Gosh have to overcome any symbolic obstacle, as the aim and mechanics of the activity are evident to everybody. Besides the eventual rules of proximity or of spontaneous versus requested helping, Gosh and the carpenter are free to cooperate on this particular problem.

Now imagine Gosh observing a Catholic mass in a small French village. He will see the attendees put their fingers in a small bowl with water and wetting their forehead and coat in a crosslike fashion. Being a helpful person, as we already know, he might consider helping a worshipper to wipe off the water from her clothing, but

being also a bright person, he will hesitate, and rightly so. Our traveller is observing a foreign ritual, and he will be far from initiated enough to cooperate correctly with the other attendees on this occasion.

Gosh's position in the two situations is completely different. In his interaction with the Austrian carpenter he shares an understanding of effort, body strength and the mechanics of balance and gravitation due to the fact that he is a human being. The meaning of the joint action is crystal clear and the symbolic burden minimal; both interactants easily share the meaning of their cooperation. Cooperational meaning in the case of a church ritual carries a high symbolic burden. Thus, cultural strangers cannot cooperate with locals on these things, besides the fact that they also lack the requisite group membership.

A study accompanying an arts project in an ethnically mixed community in London shows how participants enact representations in confrontation with outsiders. The lay artists appeared as active producers of their identity and the representation others were supposed to form of them: 'Cultural identities are always inherently oppositional as they rest on our simultaneous psychological needs to belong, to develop common understanding *and* to develop a sense of difference, of agency and of having a unique identity' (Howarth *et al.*, 2013). The participants' art actively reconstructed the representation of their ethnic group in the context of, and inspired by, the dominant 'white' British culture. By ironically including bits and pieces of the majority's stereotypes in their art, the artists established 'cooperational meaning' with their audience.

The cooperational meaning of potential interactions between people has two important consequences. First, representations must be conceived as overarching structures across interacting people, and second, representations must be comprised of one's own behavioural meaning as well as that of others. This is a characteristic of all situations where people interact with objects, other people and with institutions. The success of mundane interactions is guaranteed either by the similar or complementary actions of those involved, depending on whether they are facing each other as equals or are acting from different hierarchical positions. For example, interaction within a hierarchy conditions complementary behaviour patterns in both the superior and the subordinate actor. Although different, the patterns of action of those involved in the hierarchy complement each other in such a way that they create, or rather confirm, the social reality of dominance and subordination.

An inevitable consequence of the aforesaid is that actors must not only be aware of their own available courses of action, but also have some general representation of perception, judgements and the courses of action open to potential co-actors, even though they will never take on their counterpart's role. Hence, cooperational meaning is comprised of a person's own action rules as well as the rules underlying the actions of potential co-actors. We refer to this quality as the 'holomorphic' – that is, encompassing – character of representations (Wagner and Hayes, 2005).

The meaning of representational action, thus, lies in the fact that others will accept the actor's justification of an action if pressed to do so. In analogy to Habermas' (1985) criterion of discursive truth, we may want to call 'cooperational truth' an

event where an *interaction* by one or more persons is not questioned among the interactants. Its execution is warranted in the meaning system that is being implied by the entirety of the interaction.

### **Mutual representational behaviour**

It is a well-established fact that there is a mutual relationship between people's membership in groups and their tendency to broadly subscribe to their in-group's norms, beliefs, ideology and representational system (Abrams, 1992; Duveen, 2008; Terry and Hogg, 1996). People prefer to talk to similar others and consequently tend to affiliate with groups whose members share representations which are similar to their own, a tendency that has been referred to as homogeneity (Griffitt and Veitch, 1974; Wagner and Hayes, 2005, p. 256). Likewise, individuals adapt their own norms and beliefs to the norms and beliefs of significant others who are often members of the same groups. It is clear that such commonalities among people in groups bolster individuals' self-esteem, tighten social relationships and increase group efficiency (Gonzales *et al.*, 1983).

Research on crowd behaviour has shown participants in demonstrations and riots to adapt ever so quickly to the norms of an active minority. This happens even if the majority of participants is only loosely organised at the beginning. They quickly unite when the initial majority encounters 'unjustified' resistance or is assaulted by outsiders, in many cases the police. In situations of perceived unjustified resistance, feelings of solidarity and belongingness go hand in hand with violent actions against the assailants (Reicher, 1984; Reicher, 1996). This illustrates the tight integration of identity and belonging, the situated sharing of norms, beliefs and representations in communal and coordinated activity.

In such situations, the two antagonistic groups, the protesters and the police in the so-called 'Battle of Westminster' for example (Reicher, 1996), are jointly responsible for the development of the confrontation: the police by impeding perceived rights of the protesters and by staging aggressive moves by mounted police units, and the protesters by merging into a compact block and by resisting the police's orders. Processes where the behaviours of one group's members are antagonistically related to the behaviours of an opposite group are called 'hetero-referential' relationships (Sen, 2012).

Antagonism of this kind is usually fuelled by simultaneous claims for a geographic area, for resources, and for political and religious supremacy as in many long-lasting conflicts around the world. There, the representational and ideological system of both groups develops in the long history of the conflict where, on and off, ideologues take up the other group's past 'wrong-doings' to justify estrangement and dehumanization of the Other in the service of securing their power and their group's dominance. Besides buttressing one's own identity, hetero-reference 'ensures' that the other group feels the need to respond (Sen and Wagner, 2005).

Social structures characterized by hetero-reference are not only determined by the group members' representations and ideologies but also simultaneously by

their inadvertently antagonistic and mutually hurting behaviours. Hence, intergroup relationships are characterized first, by the group members being aware of themselves forming a group with an identity and repertoire of norms and behaviours, and second, by their being *grosso modo* also aware of the others' representations, even though this stereotype may sometimes be exaggerated (Wagner, Holtz, and Kashima, 2009): *one's social identity is reflected in the others' stereotype*.

Tajfel (1978) already acknowledged that in-groups are defined in relation to out-groups (also Turner *et al.*, 1987). Since this insight can be found at the cradle of group formation, it connects us to the mundane and above all more peaceful interpersonal encounters mentioned in the last section. That is, people act towards relevant objects, persons and institutions in a way that considers the kind of behaviour to be expected by their fellows. Co-actors comprehend and derive meaning from actions and interactions, if the representation being enacted follows a shared framework, which, in turn, brings us to the processes of objectification and social construction.

The production of social facts in the collective 'concert of interaction' implicitly endows the facts and 'representations in interaction' with validity since they are the circular evidence for the 'truth' of the social representations. Representations in action 'remodel . . . and reconstitute . . . the elements of the environment in which the behaviour takes place'. Representations must be seen as the meaning in concerted behaviours by integrating them into a network of relations in which it is bound up with its object (Moscovici, 1961/2008, p. 9). Hence, representations are objectified when the actors recognize the objects as evident and true. That is, when 'justifying the evidence comes to an end; but the end is not certain propositions striking us immediately as true, i.e. it is not a kind of *seeing* on our part; it is our *acting*, which lies at the bottom of the language-game' (Wittgenstein, 1994, paragraph 204). Our acting, being the very way we do things, co-constructs our world and simultaneously is the evidence for its 'truth' (Wagner, 1996).

## Representations that count as action

It is standard in less democratic states to prosecute people if they openly confess to an ideology different from the official doctrine. There are abundant examples of this tendency that at times can also be found in democratically governed countries. Why do regimes persecute so-called dissidents? Usually dissidents are people who publicly voice opinions that deviate from what the regime considers tolerable. The emphasis here is on 'voicing' – that is, verbal and not overt behaviour such as throwing tomatoes at power holders or placing bombs. One could expect that rulers are interested in stifling actions and overt behaviours that are directed against their rule and that could potentially endanger the regime's supremacy. However, in the majority of cases dissidents do little more than utter their opinion without any hostile overt action being implied.

Now it could be that power holders are afraid of dissidents finding enough followers and initiating a revolt that might eventually topple them. Imprisonment or other oppressive means would then be meant to discourage potential followers before a movement reaches a critical mass. While such an interest is comprehensible from the point of view of power holders, including democratic ones, there may also be a symbolic aspect involved in stifling ‘deviating’ opinions, particularly in democratic societies.

The historical case of an author expressing ‘clandestine joy’ in the wake of a killing by the Red Army Faction (RAF) in Germany is an interesting example. On 7 April 1977 members of the RAF shot the German general Federal Prosecutor Siegfried Buback. About two weeks later a critical ‘obituary’ appeared in a student periodical that had been written by an anonymous member of a militant students’ organization at the University of Goettingen. The text of the obituary expressed understanding for the deed as well as a critique and rejection of RAF’s use of violent action.

State and law representatives reacted severely to one paragraph in the obituary reading:

My immediate reaction, my ‘stupefaction’ after the shooting of Buback is quickly described: I could not, and didn’t want to (and still don’t want to) conceal my secret joy. I’ve frequently heard this guy agitate. I know he played a prominent role in the persecution, criminalization, torturing of leftists.<sup>1</sup>

The signatories, distributors, editors, of this obituary and magazine faced criminal prosecution on the grounds of being sympathizers, of supporting the RAF and of being hidden terrorists themselves (Bahn, 2003). Later, some of the initially harsh sentences were reduced or rescinded. Only the anonymous author, calling himself Mescalero, managed to escape unscathed.<sup>2</sup>

What is it that makes the above paragraph in the ‘obituary’ so dangerous that German authorities reacted with such conspicuous force? Certainly it was not that the author could be considered being on the brink of joining RAF, because he rejected their methods in the remainder of the text. Given his rejection of violence, the authorities were most likely not trying to stifle an expected violent action by the author, but rather to silence a person who symbolically violated their ‘prescribed’ anti-terrorist lament; his symbolism counted as overt aggression. More recently, in cases of Muslim fundamentalist terrorism, for example, the authorities in the United States and Europe have condemned with comparable rigour voices that do not clearly denounce the attacks and who do not share in the nationally ‘prescribed’ lament.

This and abundant similar examples illustrate the fact that ideology, representation and belief may have the same significance as overt behaviour. It is not necessary for a person to enact his or her beliefs overtly; holding ‘wrong’ beliefs or not joining

1 Buback – ein Nachruf, retrieved 03.10.2012, [www.staff.uni-mainz.de/franz/vda/proj1968/ueberreg/doku/mescale.htm](http://www.staff.uni-mainz.de/franz/vda/proj1968/ueberreg/doku/mescale.htm)

2 Göttinger Mescalero, retrieved 01.10.2012 from [http://de.wikipedia.org/wiki/Göttinger\\_Mescalero](http://de.wikipedia.org/wiki/Göttinger_Mescalero)

in the chorus of ‘national lament’ is action enough to be considered conspicuous and defiant.

The case of dissidents and their persecution should ring a bell with social representations theorists. One of the central tenets of social representations theory is ‘that the subject and the object are not basically heterogeneous in their common field’ (Moscovici, 1961/2008). In the same way as the message of the mock-obituary in the aforementioned example is perceived as implying a (subjective) ‘terrorist representation in action’ on the part of the author and the simultaneous (objective) terrorist behaviour from an outside perspective, so social representations cannot be thought of as mere mental constructs. Rather, they require an appreciation of the entangled action.

## Conclusion

In this chapter I have rejected a basic assumptions of common sense and some psychological research: behaviour and belief are integral to representations and not something that can be conceptualized separately. Representations exist in action as well as in belief and discourse. They are holomorphic in order to allow for concerted interaction, anticipation of others’ actions, and the constitution of meaning in cooperation. While a representation’s different aspects are not contingently articulated but rather are linked by their overarching meaning, they always have a contingent causal impact on their surroundings: a cry for help is contingent on others’ effective help and representing waterfowl in winter as needing fodder is contingent on the birds’ survival. Hence, what can be treated as separate entities and contingent issues are not beliefs and behaviours but rather representational action and its material and social consequences.

The precise nature and theoretical significance of social representations’ articulation with what is usually called the outside reality has been the topic of a lively debate between the ‘Enactivists’ (Verheggen and Baerveldt, 2007) and ‘Social Representationists’ (Chryssides *et al.*, 2009). This cannot be outlined here, suffice it to say that in my opinion the theoretical construct of representations being ‘shared’ and the driving force in actors’ jointly effectuating an outcome is a more useful account for social psychological research than the Radical Constructivists’ neurological individualism. ‘If one considers social representations to be at the intersection of the individual and the collectivity, they are neither wholly idiosyncratic phenomena, nor marked by some form of agreement within a social group . . . they are shared’ (Chryssides *et al.*, 2009, p. 90).

The integral nature of representations observed at the individual level and assessed through interviews, and the meaning of interactions of people in groups, assessed by observing behaviour patterns over time, are the most important achievements of social representations theory. Due to its overarching character, the concept of social representations allows for an effortless transition from the

individual level to the collective level: on the one hand we have individuals with their motivations, beliefs, knowledge and affiliation preferences that entail a person's actions; on the other hand, individuals in concert enact social representations, the pattern of which constitutes what we call social reality. Thus, the two conceptual levels are linked by action because bodily action is the only instance where representations are in 'full contact' with hard facts. That is why *representation is in action*.

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# Index

- Abric, J.-C. 202, 210  
acculturation 355  
action  
    communicative 344, 350–352  
    representations as 25–27  
Adams, M. 379–380  
affiliative bonds 126–127  
African Muslims 351  
African-Americans 158  
    belief in conspiracy theories 390–392  
aggregation 94  
aggression 73  
AIDS/HIV 388, 389  
    conspiracy theories 390–392  
Ajzen, I. 14–15, 17  
Allport, G. W. 31, 98, 347  
    *Nature of Prejudice, The* (1954) 324  
Allum, N. C. 359  
alternative representations 10, 125, 153–154,  
    173, 174, 291  
anchoring 9, 118, 310, 361–362, 365–366  
    and analysis of mediated communication 304,  
    306  
    beliefs 289  
    and meaning 131, 259  
    re-anchoring 264  
    semiotic process 243–244  
    social imaginary 129, 133–134, 135, 137–138,  
    141  
    social objects 193  
    social signification 234, 235–236  
Anderson, Benedict 314  
Andreouli, E. 317  
Andrews, Kevin 326–330, 331–332, 337  
animal reminder theory 371  
anomie theory 33, 36–37, 38  
anorexia 375–376  
antimonies 372, 373, 384  
anxiety 381  
Arendt, H. 165  
Arthi, P. C. 67  
Asad, T. 348–349  
Asch, Solomon 84, 86, 96–97, 101–103, 104,  
    106, 108, 110  
assimilation-accommodation process 253, 258  
attitude(s) 96–100, 108–110, 398  
    anti-fat 375  
    change 407–409  
    melancholic 61–63  
    research methods 401–402  
    scales 98–99  
    social nature of 100–103  
    tri-component model 84  
attitude theory vs. social representation theory 30  
attribution theory 84  
Augoustinos, M. 255  
autobiographical self 227  
avian flu (H5N1 virus) 389  
Awak, Daniel 336  
  
Bachelard, G. 134  
Baczko, B. 134  
Bakhtin, M. 182  
Bandura, A. 14, 17  
Bangerter, A. 367  
Barbour, R. 70  
Barker, R. G. 13, 196  
Barthes, R. 238–239  
Bartlett, Frederic 143–162  
    reconstructive remembering 146–148, 149  
    signs and symbols 234, 244  
    social constructiveness 153  
Bass, B. M. 407  
Bataille, M. 93  
Batel, S. 305  
Bauer, M. W. 7–8, 29, 66, 67, 68, 106, 180, 186,  
    247, 310, 359  
Becker, M. 302  
behaviour 4–6  
    and action 12–13  
    attitudes causing 14–15  
    collective 37–38  
    crowd 24–25  
    cultural 22–24  
    deviant 33, 36  
    ecological 16–17  
    effect of belief 17–19, 20–22  
    littering 17

- behaviour (*cont.*)  
 mutual representational 24–25  
 mutually hurting 25  
 observation of 13–14  
 overt 13–14, 19–20  
 social representations theory 15–17  
 social vs. individual 99  
 verbal 13  
 volitional 18–19
- behavioural settings 196
- belief-behaviour 17–19
- Belzen, J. A. 347, 348
- Berger, P. 193
- Bertoldo, R. 302, 305
- Bettega, N. 389
- Billig, Michael 3–4, 101, 210, 213, 215, 315, 402
- Bin Laden, Osama 278
- biotechnology 8, 54, 67, 137, 363, 364–366
- Black Death 387, 388, 389
- Blanco, Matte 235
- Bloomfield, L. 237–238
- body control 374
- Bogart, L. M. 391
- Bonfantini, M. A. 240–241, 242
- boundary object 49–50
- Bourdieu, P. 150, 343
- Bowe, M. 272
- Brandon, D. T. 392
- Brazil 137–138
- Breakwell, G. M. 80, 254, 259, 260
- British Muslims 345–346, 349
- Britishness 315–318, 322, 345
- Brondi, S. 301, 303
- Buback, Siegfried 26
- Buijs, A. 299–300, 304
- Bush, George, Jr 276, 278
- Caillaud, S. 75, 306
- Callaghan, P. 305
- Campbell, A. 72
- Campbell, D. T. 32
- Canter, D. 80
- Cartwright, D. 407
- Carugati, F. 76
- Castells, M. 166
- Castoriadis, C. 129, 133, 135, 141
- Castro, P. 16, 302, 305
- categorization 36, 184, 284, 290, 312, 370, *see also social categories*
- central core (nucleus) theory 9, 83–84, 95  
 central elements 83, 85–90, 91–94, 95  
 corroborative methods 90, 91–92  
 exploratory methods 90–91  
 matrix core 93–95  
 peripheral elements 83, 85–90, 91–92, 93, 94
- Chalcedonian creed 46
- Challenging (Mise en Cause) technique 91–92, 93
- ‘chav’ 379–381
- Cherry, C. 391
- cholera 389
- Christianity 44, 388, 389
- Chryssides, I. 8
- Churchill, Winston 274
- Cinnirella, M. 254
- citizen science 367–368
- Clarke, Philip 327
- Clémence, A. 33, 72, 74, 401
- Clement, C. 235
- climate change 297
- cognitive balance theory 84
- cognitive development 114–115, 118–123, 168
- cognitive dissonance 56, 84, 177
- cognitive maps 135–136, 139–140
- cognitive polyphasia 6, 56, 158, 163–164, 167–169, 177–178, 303  
 displacement 174, 177  
 and emancipated representations 302  
 hybridization 174–177  
 mobility and 184–185  
 selective prevalence 174  
 self and community 169–171  
 and social relations 125–126  
 varieties 172–177
- cognitive processing 4–5
- Coleman boat 34, 40
- Coleman, J. W. 34, 36
- collective remembering/memory 9, 143, 151–158, 225–226  
 Bartlett’s reconstructive remembering 146–148  
 changes in communication technology 152–154  
 Durkheim’s approach 143–145  
 and environment 154–156  
 Halbwachs’ contribution 144–146  
 of historical events 273–274  
 language and 152–154  
 narratives and 275  
 and social representations of history 276  
 Vygotsky’s contribution 148–150
- collective representations 6, 29, 166, 179, 224, 282, 283, 344
- collective symbolic coping 137, 363–366, 385–386, 387, 393, 395
- collective/common consciousness 29
- common sense xiii, 6–8, 11, 14, 20, 27, 41, 50, 66, 100, 107, 239, 247, 340  
 everyday 323, 324, 356  
 explanatory patterns 386  
 global warming 306

- identity as 312  
 knowledge 310, 311  
 local 167, 169  
 mass media's role in 373  
 Moscovici 115, 167, 325, 342, 360  
 science and 359–361, 364, 367–368  
 social functions 52  
 social order beliefs and 288, 292–294  
 themata 372, 384
- communication 8–10  
 conflict and 303–306  
 diffusion model 51  
 high-fidelity model 51, 62  
 intergroup and interpersonal relations 10  
 mediated 304, 306  
 Moscovici 113, 117–118, 166, 280, 285–286, 360  
 pragmatic aspects 117  
 public spheres 164–165  
 self-alter-object 165–166, 178  
 and social change 283  
 socialization 10  
 strategies 9  
 technology 152–154  
*see also* diffusion; language; microgenesis; propagation; propaganda
- communicative games 51, 241, 243, 247
- community 179  
 diversity 179–180, 181–184, 188–189  
 social representations theory and 180–181, 188–190
- conflict 24–25, 299  
 collective remembering of 273–274  
 and communication 299–300, 303–306  
 of connotative meanings 246–247  
 resolution 120  
 language and 231  
 intragroup 335–338
- Connerton, P. 151
- connotation 234, 236–238  
 cultural objects 239  
 encyclopedic 238, 241–243  
 ideological 239  
 interpretative approach 239–243  
 pragmatic approach 240–241  
 structuralist approach 238–239, 240, 241
- consensual universe 400
- consent, production of 288–291
- conspiracy theories 390–394
- contemptuous prejudice 370
- contractual realism 29
- conventionalization 146–148
- conversation types 122–123
- conversion theory of minority influence 280
- cooperation  
 aggregation rules 37–38  
 meaning in interaction 22–24  
 coping strategies 257–259, 263  
 Cortes, J. 242  
 Coyle, E. 73  
 critical mass (mechanism/models) 39–40  
 cultural borrowings 163  
 cultural development 196  
 cultural theory 304  
 culture 126
- Dai, J. 382
- Danziger, I. 213
- De Rosa, A. S. 136
- Deconchy, J.-P. 289
- Dennett, D. C. 204
- denotation 94, 234, 236–238, 243–244  
 ideological 239  
 interpretative approach 239–243  
 structuralist approach 238–239
- Denzin, N. 77
- Devereux, J. D. 254
- differentiation 8, 58–59, 60, 107, 156, 190, 261, 323, 324  
 categorical 288, 292–294  
 normative 290–291, 293  
 social 284–285
- diffusion 9, 10, 62, 126, 180, 285–288, 293, 360
- discourse 214–215  
 essentialist and de-essentialist 340  
 out-group representation 323, 324, 325, 326–338  
 political 325, 326–330, 338  
 private 231–232  
 truth 23
- discourse analysis 100, 210, 211, 216–222  
 sedimentation 212–214
- disgust 370–371, 380
- distributive justice 281
- Doise, W. 30, 31–32, 33, 42, 72, 74, 114, 119–120, 213, 401
- dominant ideology hypothesis 289
- double stimulation 114
- Douglas, M. 371
- Draguns, J. 114
- Duesberg, Peter 391
- Durkheim, Emile 146, 156  
 body's role in remembering 151  
 cognitive development 168  
 collective representations 6, 29, 166, 179, 282, 283, 344  
 concepts 148  
*Elementary Forms of Religious Life* (1912)  
 144, 149  
 figuration 131  
 mechanistic and organic solidarity 187  
 memory 143–145  
 shared cultural symbols 234  
 on suicide 31

- Duveen, G.  
 culture 126  
 group solidarity 10, 285–293  
 levels of representations 64  
 microgenesis 10, 29, 113, 116–117, 118–119,  
 120–127, 253
- Eagle, M. 18
- Eaton, L. 391
- Ebbinghaus, H. 146
- Ebola 389, 393
- Eco, U. 29, 237, 238, 241–243, 244, 248
- economics 35
- Edwards, D. 210, 215, 221
- Eicher, V. 393, 394
- Einstein, Albert 277
- Elcheroth, G. 213
- Elias, N. 374
- emancipated representations 6, 302
- embodied self 227
- Emmons, R. A. 346
- emotion, visceral 370–371, 380
- envious prejudice 370
- environment 154–156  
 modification of 196
- environmentalism 295–297, 308
- episodic interview 67
- Erikson, E. 309
- essentialism 323–325, 339–340  
 subjective 339
- ethnic minorities 315, 390–392
- ethos 369
- European Association of Social Psychology  
 31
- European Committee for Social Cohesion 188
- evaluation process 253
- Fabbri, P. 242
- factor analysis 72, 73–74  
 Correspondence Factor Analysis 72  
 Latent Class Analysis (LCA) 278  
 Multiple Factor Analysis 72  
 Structural Equation Modeling (SEM) 76  
 Principle Component Analysis 72
- Farr, Robert 101, 398, 402  
 ‘individualization of the social’ 31  
 theory of social representation 11
- Faucheux, C. 15–16, 21
- Felonneau, M.-L. 302
- Festinger, L. 84
- fetishism 46, 70
- Fife-Schaw, C. 254
- figuration 131–133
- Finney, P. 221–222
- Fiske, S. T. 370, 371
- Flache, A. 37
- Flament, Claude 87–88, 93
- Flavell, J. H. 114
- Flick, U. 67, 75, 306
- floating representations 117
- ‘Fm effect’ 122
- focus groups 67, 70–71, 402
- Foot, Michael 221
- Fornari, F. 235
- Foster, J. L. H. 69
- Foucault, M. 242
- Francis, Bob 336–338
- Fraser, C. 401
- Fraser, Gilles 46
- free market 284
- Freire, Paulo 177
- Freud, S. 234
- Friestad, C. 76
- Frigg, R. 48
- Garrido, M. 16
- Gaskell, G. 7–8, 29, 67, 68, 98, 106, 180, 186,  
 247, 310, 359
- Geertz, C. 129, 348, 351
- gender  
 asymmetry 131  
 categories 324  
 differences 73  
 identities 29, 121–122  
 representations 20, 65, 119, 151–158, 160,  
 312, 380
- gender role beliefs 20
- Gentner, D. 235
- Geortzel, T. 390
- Gergen, K. 188
- Gervais, M. C. 182
- Gestalt, critique of behaviourism 4–6
- Giddens, A. 193
- Gilens, M. 374
- Gilles, I. 393, 394, 396
- Gillespie, A. 291, 345
- Gladwell, M. 377
- globalization 315
- Gnostics 46–47
- Gony, Leip 332–335
- Greimas, A. J. 238–239, 242
- group essence 324, 339
- group interview 67
- groups  
 belongingness 120  
 commonalities 24–25  
 coping strategies 258  
 decision making 407  
 friendship ties 353  
 focus 67, 70–71, 402  
 hetero-referential relationships 24, 27  
 identification 15  
 identity 343–344, 345–346  
 interdependence 36

- majority influence 285, 288–291  
 minority influence 285, 291–293  
 norms 344  
 orthodox 289  
 own vs. alternative representations 153–154  
 segmentation 58–59  
 understanding of reality 6  
*see also* ingroups; intergroup relations;  
 out-groups
- Guimelli, C. 73, 89
- H1N1 virus (swine flu) 389, 393–394, 396  
 H5N1 virus (avian flu) 389
- Haarhoff, G. 389
- Habermas, H. 23, 165
- Haddon, Alfred Cort 147
- Hakeem, Hakeem 331–332
- Halbertal, M. 45
- Halbwachs, Maurice 143–146, 149, 155, 158,  
 162
- Halkier, B. 70
- Hanke, K. 278
- Hanley, E. 231
- Harary, F. 407
- Harré, R. 51, 99, 156, 203, 231
- Haslam, N. 324
- hatred 371
- Hawk, B. 334
- Hayes, N. 8, 32–33, 131–132
- Health Belief Model 395
- health ethic (as symbol/metaphor) 375
- hegemonic representations 6, 302
- Heider, F. 84, 106
- Hepburn, A. 212
- Hermans, H. J. M. 182
- Herrera, M. 272
- Herzlich, Claudine 66, 225, 398
- Hewstone, M. 338
- Hill, P. C. 347
- Hilton, D. J. 216, 270, 276
- Himmelweit, H. T. 5, 18, 397, 399
- Hispanic Americans, belief in conspiracy  
 theories 390–391
- history 269–270  
 measuring and modelling 275–279  
 social representations of 215–217, 271–275  
 textual analysis 275  
 uses of representations of 217–222
- Hitler, Adolf 231, 274, 275, 276, 277,  
 278
- Hjelmlev, L. 238–239, 240
- Hodge, B. 242
- Holzl, E. 402
- homosexuality 292, 370, 388, 391
- Hood, R. W. J. 347
- Hovland, C. I. 83, 84, 96
- Howard, Peter 221
- Howarth, C. 138, 183, 211, 215, 220, 250, 255,  
 317, 340
- Huang, L.-L. 279
- Hussein, Saddam 278
- Hutchinson, A. B. 391
- Hyman, H. 410
- I and Me* 343–344
- iconoclasm, 43–50, 56, 57, 62, 63
- identity content configuration (ICC) 253
- identity process theory 250–266  
 coping/change strategies 257–259, 263  
 social context 255–256  
 and social representations theory 263–265
- identity 24  
 and action 24, 313  
 processes 253  
 principles 254–255  
 threat 256–257  
 structure 251–253  
 concept 309  
 and social representation 259–265, 311–314  
*see also* national identity; social identity
- images  
 moving 140–141  
 religious 43–47, 57  
*see also* imaginary; social imaginary
- imaginary 128–130, 133  
 iconic 135–136  
 as knowledge 134–135  
 Latin American 138–139  
 power of 133–134  
 research methods 139–141  
 social representations and 135–139  
*see also* social imaginary
- Imiaslavic controversy 43
- immigrants 185–186
- individual differences, organizing principles  
 72–73
- individual vs. collective representations 6
- individualism 30, 31
- individualist cultures 372–373
- infectious disease 385–386  
 conspiracy theories 390–392, 394  
 caused by out-groups 388–390, 394  
 as divine punishment 388  
 germ theory 387  
 miasmatic theory 387  
 othering of threat 389  
 social history 387–388  
 social representations 392–395  
 as weapons of war 387
- in-groups  
 and out-groups 25  
 identities 180  
 norms 15, 24–25  
 over-evaluation 36

- Inhelder, B. *et al.* 114  
 Innes, J. M. 255  
 installation theory 193–196, 207, 208  
   institutional layer 197–198  
   physical layer 197  
   psychological layer 197–198  
 institutions, evolutionary role 206–208  
 intergroup relations 10  
   attitudes 36  
   conflict 35–36, 305, 387  
   positioning analysis 232  
   stereotype content 369–370  
 internalization 120  
 International Union for the Preservation of  
   Nature 296  
 interobjectivity 160, 199  
 interpersonal relations 10  
 interview methods 66–68, 212  
 Iramuteq 90  
 Isaac, L. A. 392  
 Islam  
   communal transformation 352–354  
   icons 44, 45, 348  
   prescriptions 350–352
- James, William 343, 346  
 Japanese (language) 228  
 Jaspal, R. 254  
 Jaspars, J. 401  
 Jews, and disease threat 387, 389  
 Jodelet, Denise 22, 52, 69, 135–136, 143,  
   158–160, 224, 389  
   *Madness and Social Representations* 156,  
   183  
 Joffe, H. 69, 369, 374, 380, 383, 389  
 Johnson, M. 131  
 Jovchelovitch, S. 66, 124, 165, 171, 182  
 Just World Hypothesis 31, 32, 381, 383  
 justice perceptions 281
- Kahneman, D. 377  
 Kalampalikis, N. 75, 306  
 Kalichman, S. C. 391  
 Kant, Immanuel 281  
 Kasanen, K. 19  
 Katona, G. 35  
 Kelly, Fran 329–330  
 Kempton, W. 20–21  
 Kinnvall, C. 318  
 knowledge  
   common sense 311  
   distributed 201  
   encounters 171–177  
   everyday 362–363  
   the imaginary as 134–135  
   innovation-evaluation 362–363  
   loci of production 243–244  
   microgenesis of 113–127  
   necessary 121  
   scientific 358–368  
   *see also* social knowledge
- Kotler, P. 397, 399–400, 401, 405  
 Kress, G. R. 242  
 Krueger, F. 113  
 Kuhn, Thomas 3, 41
- labour, social division of 201  
 Lahlou, S. 403  
 Lakoff, G. 131  
 Lakotas, 3  
 language 117, 228–229  
   and conflict 231  
   connotative 238, 241, 242  
   context 229  
   cultural variation 228  
   denotative 238  
   multiple signification and connotative  
   meanings 235  
   orality to literacy 152–154
- László, J. 274, 275  
 Lauri, M. A. 399, 404  
 LaVeist, T. A. 392  
 Le Goff, J. 128, 130  
 legitimacy 269–270, 279, 280–282, 284, 288,  
   290, 291–292, 293–294
- Lenin, V. 3  
 Leontiev, A. N. 149  
 Lepenies, W. 62, 63  
 Lerner, M. J. 31, 32  
 Lewin, Kurt 7, 30, 31, 54, 407–408  
 Lewinian life space 7  
 Likert, R. 98–99  
 Liu, J. H. 215–216, 270, 271, 274, 276, 277,  
   279
- Livingstone, L. 71  
 Lloyd, B. 10, 64, 113, 116–117  
 Lo Monaco, G. 73  
 Lorenzi-Cioldi, F. 72, 401  
 Lorenz, K. 200  
 Lotman, I. U. M. 242, 246  
 Luckmann, T. 193  
 Lunt, P. 71  
 Luria, A. R. 114
- Macy, M. 37  
 madness 158–160, 183  
 Margalit, A. 45  
 Marková, I. 145, 173, 210, 372  
 Markowe, L. A. 254  
 Marx, Karl 3  
 Matrix Core Theory (théorie du Noyau Matrice)  
   84, 93–95  
 Mauss, Marcel 151  
 Mayor, E. 393, 394, 395

- Mead, G. H. 165, 343–344  
 melancholia 61–63  
 memes 203  
 memory *see* collective remembering/memory; remembering  
 Menezes, J. 16  
 mental illness 158–160, 183  
 mental maps 135–136, 139–140  
 mental representation 49, 106, 139–140, 204, 207  
 Merton, R. K. 33, 36–37, 38  
 Messner, S. 38  
 metaphors 235, 362, 375  
   construction of 131–138  
 methodological individualism 30, 31, 33  
 methodological intersubjectivism 30  
 Miaphysitism 46  
 Michel-Guillou, E. 304  
 microgenesis 10, 19–20, 29, 113–115  
   social interaction and cognitive development 118–123  
   and social representations theory 116–118  
 Milgram, S. 31, 196  
 Mill, John Stuart 237  
 Miller, S. 359  
 minority groups 161, 285, 295, 340, 390–392  
 mnemonic technologies 148–150  
 Moghaddam, F. M. 112, 231  
 Moliner, P. 132  
 Moloney, G. 138  
 monuments 155–156  
 moral order 284  
 mores 101  
 Moscovici, Serge  
   anchoring 9, 118, 193, 310  
   attitudes 97  
   cause of behaviour 15–16, 21, 108  
   closed-mindedness 111  
   cognitive polyphasia 145, 167–168  
   collective representations 29  
   communication 113, 117–118, 166, 280, 285–286, 360  
   consensual universe 400  
   conversion theory 291  
   on Duveen 123–124  
   figurative nucleus 85  
   *I and Me* 343  
   knowledge construction 361  
   knowledge production 243  
   *Psychanalyse, La: son image et son public* (1961) 59, 111, 143, 156, 359–360  
   logical system vs. normative metasystem 119  
   model of social influence 115  
   objectification 9, 147, 248, 310  
   organization of the mind 97  
   propaganda 173  
   psychoanalysis 8, 11, 104, 126, 156–158, 163, 166, 180, 235, 342, 359–360, 362  
   race 324  
   reified universe 400  
   representations 153  
   research methods 66, 402  
   science and common sense 367  
   sense-making 368  
   social psychology 3–4, 31, 42, 96, 126, 147, 149, 349  
   social representations 5, 84, 130, 145, 147, 178, 181, 260, 283, 309–310, 323, 325, 335, 338, 344–345, 349  
   structures 83, 84  
   types of representations 6, 262  
   on Vygotsky 149  
 Mugny, G. 114, 119  
 Muncer, S. 72  
 Mussolini, Benito 231  
 Napoleon 275, 276  
 narrative 265  
   historical 270–271, 275–277  
 narrative interview 66–67  
 national identity 135, 271, 305, 309, 313–316  
   British 315–318  
   Japanese 274–275  
   Greek 319–321  
   Hungarian 275  
 nationalism 314–315  
 nationhood 314  
 Nazis 161, 274, 371, 376  
 necessary knowledge 121  
 Nehru, Jawaharlal, *Discovery of India* (1944) 272–273  
 neoconservatism 287  
 neoliberalism 287  
 Nesbitt-Larking, P. 318  
 Noelle-Neumann, E. 290  
 Nora, P. 155, 270  
 norms  
   formation 31  
   hegemonic 302  
   in-group 15, 24–25  
   internality 302  
   social 15  
 Nowotny, H. 367  
 obedience 31  
 obesity 375  
 objectification 9, 72, 85, 129, 135, 147, 310, 362, 374, 379  
   alterations to 264  
   and meaning 259  
   and metaphors 131–138  
   semiotic process 243–244  
   and social signification 234, 235–236

- objects
  - dual selection process 206
  - representations and 200–202
  - sets 205
- ontogenesis 116, 118
- orientalism 288
- Orne, M. 31
- orthodoxy 289
- Ortony, A. 235
- othering 389–390, 393, 394
- otherness 158, 183
- out-groups 10
  - derogation of 36, 369–370, 376–378, 383
  - gender 380
  - identities 180
  - infectious disease and 388–390
  - representations of 323, 324, 325, 326–338
  - prejudice 369–371, 384
- Owen, Frank 221
  
- Paez, D. 274
- Paloutzian, R. F. 346
- Pargament, K. I. 347
- Paris, Michael 221
- Parker, I. 210
- Parsons, Talcott 194, 282
- paternalistic prejudice 370, 371
- Pennebaker, J. W. 277
- Pennington, D. F. 407
- perception 132, 147
  - central traits 86
- Perez, J. A. 120
- Perret-Clermont, A.-N. 114, 117
- personal representations vs. social representations 259–263
- perspective 100
- Piaget, J. 41, 114–115, 121, 124, 127, 168
  - Child's Conception of the World* (1926/29) 115
- Piagetian theory 114–115, 124
- Pierce, Charles Sanders 235, 236, 239–243
- points of view 96–97, 100, 103, 104, 105–112
- polemical representations 6
- political representation 48
- positioning theory 228, 229–233
  - analysis 224–225, 231–232
  - conditions of meaningfulness 229–230
  - positioning triangle 230–231
- Potter, A. 212
- Potter, J. 210, 215, 217
- Poumadère, M. 305
- pragmatic imperative 14
- prejudice 324, 369
  - reduction of 125
  - symbolization and 371
  - syndrome 339, 371
  - types 370, 371
- procedural justice 281
- projects 186–187, 190
- propaganda 9, 10, 127, 134, 173, 285–286, 291–293, 360
  - Nazi 371
- propagation 9, 10, 127, 180, 285–286, 288–291, 293, 360
- Propp, V. 275, 393
- Protestant work ethic 375, 378, 382
- Provencher, C. 70
- Psaltis, C. 125
- psychoanalysis 9, 11, 342, 359–360, 362
  - communication 166, 180
  - community 180–181
  - in the public sphere 163
  - representation 93, 104, 111
- public opinion 96, 98, 398, 399
  - research methods 401–405
- public sphere 29, 164–165
  - social representations and 165–167
- Purkhardt, S. C. 339
  
- questionnaire 402
  
- race 324–325, 340
- racialized representations 323
- racism 328
- radical imaginary 129
- Raisborough, J. 379–381
- Räty, H. 19
- Raudsepp, M. 246–247
- realistic group conflict theory 35–36
- reciprocity, balance of 106
- Red Army Faction 26
- Reicher, S. 213
- reified universe 400
- Reis, E. 16
- relative deprivation theory 33, 39–40
- religion 346–349
- religious orientation scale 347
- remembering
  - the body and 150–152
  - reconstructive 146–148
  - see also collective remembering
- representations
  - as actions 25–27
  - alternative 10, 125, 153–154, 173, 174, 291
  - collective 6, 29, 166, 179, 224, 282, 283, 344
  - emancipated 6, 302
  - floating 117
  - gender 20, 65, 119, 151–158, 160, 312, 380
  - hegemonic 6, 302
  - individual sets 202–204, 208
  - meanings 47–48
  - and objects 200–202
  - of out-groups 323, 324, 325, 326–338
  - personal 259–263

- polemical 6  
 political 48  
 racialized 323  
 of risk 305  
 'shared' 203  
 stability and dynamics 87–90  
 types 6, 262  
*see also* social representations  
 reproduction (of society) 193, 194, 199  
 research methodology 57–63, 64  
   attitude towards 61–63  
   content 60  
   cross-overs of cultural trajectories 61  
   levels of analysis 64–65  
   longitudinal-sequential data 60–61  
   mixed methods 78–79  
   multi-level analysis 57–58  
   multi-method analysis 58  
   qualitative 66–71  
     conversation analysis 70  
     documentary analysis 70  
     ethnographic approach 69–70  
     interviews 66–68, 212  
     longitudinal studies 65  
     questionnaire 402  
     surveys 391, 401–402  
     thematic analysis 70–71  
   quantitative 71–77  
     Alceste method 74–77  
     factor analysis 72, 73–74  
     hierarchical cluster analysis 74  
     horseshoe phenomenon (Guttman effect)  
       73–74  
   researcher's role 68  
   segmentation 58–59, 67  
   sender–reception studies 59–60  
   time-structures 60–61  
   triangulation 77–78  
 retributive justice 281  
 Rilke, Rainer Maria 45  
 Rise, J. 76  
 risk, conflicting representations of 305  
 ritual 151–152  
 Rivers, W. H. R. 147  
 Roberto, E. 399–400, 401, 405  
 Roberts, Kevin 410  
 Rocher, S. J. 339  
 Rogers, W. L. 273  
 Roland, G. R. 38  
 role theory 229  
 Rommetveit, R. 123  
 Roqueplo, P. 201  
 Rosa, A. 235  
 Rose, D. 68  
 Rosenberg, M. J. 83, 84  
 Rosenfeld, R. 38  
 Ross, J. M. 347  
 Rothbart, M. 324  
 Rousseau, Jean-Jacques 281  
 Roysamb, E. 76  
 Sammut, G. 9  
 sampling theory 48  
 Sander, F. 113  
 Sani, F. 272  
 Sapir, E. 237  
 SARS 389  
 Sartre, Jean-Paul 104, 105, 107  
 Saussure, Ferdinand de 43, 235–236, 238  
 Savarkar, Vinayak 273  
 Scappini, E. 76  
 Schadron, G. 339  
 Schelling, Thomas 37–40  
 Schuman, H. 273  
 science and technology 358–368  
   and self-control 376  
   and society, paradigms 359  
 scientific racism 324  
 scientific representation 48  
 selective forgetting 274–275  
 self/selves 182, 227–228  
   cultural variations 228  
   positioning analysis 231–232  
 self-categorization 15, 111, 293, 370  
 self-control ethos 369  
   body 374–376, 379  
   'the chav' 379–381  
   destiny 378–379  
   function of 381–382  
   and individualism 372–373  
   and infectious diseases 389  
   mind 376–378, 379  
   social representations and stereotypes 372  
 self-efficacy theory 14, 17  
 self-fulfilling prophecy 33–34  
 self-identity 16  
 self-indulgence 376  
 Selleri, P. 76  
 semantic barriers 10  
 sense-making 361, 363, 365, 368  
   processes 385–386  
 sexual roles 131  
 Sheatsley, P. 410  
 Sherif, M. 31, 35–36  
 Sibley, C. G. 271, 278, 279  
 Siegler, R. S. 114  
 signification  
   asymmetrical/symmetrical 234  
   counter-signification 247–248  
   designification 248  
   multiple levels 234  
   recursive semiosis 244–248  
   resignification 247–248  
   social 235–236

- single mothers 378, 380
- Sloterdijk, P. 45
- smallpox 387
- Smedslund, J. 17–18
- Smith, Adam 35
- Smith, L. 121
- Snellman, L. 19
- social behaviour, nested model 108–110
- social categories 324
  - of belonging 182
  - gender 324
  - racial 326, 327–328, 329, 334
- social change
  - group strategies 407–409
  - and social marketing 397–399
  - and social representations 400–401
- social cognition 84–85, 95, 170
- social cohesion 188–189
- social conformism 39–40
- social construction 100, 153, 194, 199, 207–208
- Social Darwinism 324
- social diversity 284
- social exclusion 284, 291, 318, 323, 328, 330, 335, 340, 356, 369, 381–382, 383
- social gender identities 121–122
  - formation 29
- Social Genevans 114, 116, 119
- social identity 10, 24, 35, 36, 116–117, 251–252, 370
  - history and the construction of 271
  - and Self-categorization Theory 15
  - and social representations 138
- social imaginary 128–130, 133–134
  - significations 139, 140
- social knowledge 96, 101, 179–180, 341, 343, 358
  - expressions of 344
  - and identity 183–184
  - as interdependence 186–188
  - intersecting 184, 190
  - movement in 184–186
  - projects 186–187, 190
  - transformative aspects 355, 356
- social marketing 397–399
  - media campaigns 408
  - organ donation campaign 401, 403–406, 408–409
  - research methods 401–405
  - role of social representations 399
  - segmentation of target groups 405–406
  - and social change 400–401
- social marking 119–120
- social mechanisms 33
  - and economic morality 38–40
  - macro-level 40–41
  - contextual 41
  - micro-level 41
  - in social psychology and sociology 35–38
  - transformational 35, 41–42
- social object 21–22
- social order 280
  - conflict theories 282, 283
  - consensus 280–282
  - diffusion 285–288
  - propagation 288–291
  - social representations approach 282–286
- Social Order Representations Model 284
- social organization, theory of 36–37
- social positioning 104–105
- social psychology
  - genetic 156
  - levels of analysis 30
  - social mechanisms 35–38
- social regulations 119–120
- social remembering 151–158, *see also* collective remembering
- social re-presentation 8, 107, 352–354
- social representations
  - dual nature/functions of 341–343, 355–356
  - emotional content 265
  - evolution of 204–206, 208
  - and identity process theory 263–265
  - imaging dimension 130–131, 135–142
  - as a logical function 51–53
  - macro/micro analysis 29–40
  - methodological considerations 57–63
  - models 7–8, 31, 54, 61, 63, 106, 107
  - paradigmatic definition 52–53, 63
  - vs. personal 259–263
  - and points of view 104–112
  - prescriptive function 343–344
  - processes 360–362
  - stereotypes and self-control ethos 372
  - stickiness 60, 262–263
  - transformative functions 344–346, 349, 354, 355, 356
  - types 262–263
- social representations theory 24, 27, 309–311
  - analysis of communication systems 53–54
  - attitude of 61–63
  - formulation 50–51
  - intensional approach 202–203
  - and intergroup regard 371–372
  - and semiotics 235–236
  - structural features and functions 54
- social self 227
- social structure 36–37
- social memory *see* collective remembering/memory
- socialization 10
- sociocognitive conflict 115
- sociogenesis 116, 118

- sociological imagination 70–71  
sociology  
  social mechanisms 35–38  
  transformational mechanisms 35  
Sontag, Susan 388  
Soyland, A. J. 213  
Sperber, Dan 204  
Spini, D. 74  
S-R responses 5–6  
Staerklé, C. 369, 374, 380, 383  
Stalin, Josef 276  
Stanley, J. C. 32  
statistical representation 48  
Stephens, C. 182, 184  
stereotype content  
  conceptual framework 374–379  
  formation process 373–374  
  social representations and self-control ethos 372  
  symbolization 371, 374  
  visceral emotion 370–371, 380  
stereotyping 369  
Sternberg, R. 235  
structural approach 211  
structural inequality 284  
Structural Theory of Stereotype Content 370  
structuration theory 193  
Sudanese refugees 323, 325–326  
  newsprint representations 330–335  
  political discourse, representations in 326–330  
  radio representations 335–338  
suicide 31  
Sumner, W. G. 101  
survey research methods 391, 401–402  
sustainability  
  illustrations of conflict and communication 303–306  
  illustrations of time and institution 300–303  
  social study of 295  
  and theory of social representations 298–300  
swine flu (H1N1 virus) 389, 393–394, 396  
symbolic coping *see* collective symbolic coping  
Synowski, S. 391  
synthetic biology 365–366  
syphilis 389, 392  
  
Tajfel, H. 25, 31, 35, 370  
Tan, S. 232  
Taylor, Charles 47  
Taylor, M. 324  
Temosjok, L. 391  
Terkel, S. 221  
themata 306, 372, 384  
Theory of Planned Behaviour 14–15  
Theory of Self-Efficacy 14, 17  
thought  
  and action 225–226  
  and language 228–229  
Thurstone, L. L. 98  
Tileagă, C. 217  
Toblerone model of social representations 7–8, 29, 54, 57, 61, 63, 106  
Toblerone pack model of social representations 107  
Tolman, E. C. 136  
Toth, J. 275  
Tourangeau, R. 235  
tribalism 335–338  
trust/distrust 386, 390–393, 395–396  
Trutkowski, C. 402  
Tsirogianni, S. 9  
Tuskegee Syphilis Study 392  
  
Uexküll, J. von 195, 196  
Ungar, S. 393  
Urry, J. 184  
utterances, significance of 229  
  
Valsiner, J. 235  
Vergès, P. 90  
Verkuyten, M. 340  
Vignoles, V. L. 254  
Vincze, O. 275  
Voelklein, C. 215  
Vygotsky, L. S. 113, 127, 143–162  
  development principle 226–227, 232  
  double stimulation 114  
  internalization 120  
  mediated memory 148–150, 155, 156  
  semiotic position 244  
  
Wagner, W. 8, 32–33, 131–132, 137, 185, 364  
Wagner-Egger, P. 393, 395  
Wagoner, B. 9  
Wald, R. 391  
Wang, M. 382  
waterwheel model of social representations 54, 56, 61, 63, 107  
Weber, Max 30, 378  
Werner, H. 113  
Wertsch, J. 154, 275  
Wetherell, M. 217  
White, Hayden 270  
wind rose model of social representations 8, 54, 55–56, 107  
Wittgenstein, L. 51  
writing 215  
Wunenburger, J. J. 134  
  
Yzerbyt, V. Y. 339  
  
Zaltman, E. 397, 401  
Zinnbauer, B. J. 347

