

# “Eat it again for the first time”: Identity in a world of Change

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## Abstract

First of all this advertisement of *Kellogg's* is related to alteration and continuity as well as ubiquity and contingency, apparently related to affirmation, denial and the validity of the logical principles of identity and non-contradiction. Against the background of distinguishing things, attributes and relations an account is given of Plato's theory of ideas as flowing from his wrestling with the Cratylus interpretation of Heraclitus regarding the impossibility to know changeful reality as accessible to the senses – also paying attention to an understanding of the law of identity precluding change (von Kibèd). The natural scientific line from Galileo to Einstein elucidates a perspective on the foundational role of uniform motion (constancy) for all change (dynamics). It is argued that there are various modes of explanation involved in the understanding of entities with particular reference to flowing equilibrium present in living entities. Brief mention is made of the mind-brain identity problem as well as the multiplicity of social identities human beings assume in a differentiated society. The article is concluded by introducing a distinction between the conceptual use of functional terms and a concept-transcending employment of such terms, making possible the idea of the identity of the same entity over time in spite of changes to which it may be subjected.<sup>1</sup>

## First orientation

The well-known slogan from *Kellogg's* captured in the title is remarkable in *two* respects: (i) it highlights the apparently dialectical tension present in the human experience of *alteration* and *continuation*, *dynamics* and *persistence*; and (ii) it captures something about *ubiquity* and *contingency*, *universality* and *individuality*.

Although the phrase “eat it *again*” also incorporates an awareness of *succession* and *continuity*, the tail-end of the original phrase jumps to something *new*, *discontinuous* to whatever has been experienced *before*, “for the *first time*.” A “soft” interpretation may suggest that literally speaking we are indeed every time eating the same thing, namely *Kellogg's*, and that every time we eat the same thing (*identity*, *continuity*) it tastes as good as *new*, as if we are eating it for the *first time* (*non-identity*, *discontinuity*).

It seems therefore as if the advertisement introduces a gap or even stronger, a *dialectical tension*, between the first part and the second part, for what is *granted* in the first part, namely that we are successively eating the *same thing*, is *denied* in the second part which *affirms* that what we eat is something we have *not* eaten before, i.e., we are eating it *for the first time*.

*Affirmation* and *denial* are well-known within the domain of *logic*. They relate to *statements* (*propositions*) and to the applicability of the two most basic principles

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<sup>1</sup> An earlier version of this paper was read on January 20, at the *Annual Conference* of the *Philosophical Society of Southern Africa* (PSSA) (Howick, Natal). Issues raised during the discussion inspired a number of changes and additions to the original manuscript.

governing logical reasoning, namely the *principle of identity* (*principium identitatis*) and the principle of *non-contradiction* (*principium contradictionis*). Quine explains:

The peculiarity of *statements* which sets them apart from other linguistic forms is that they admit of truth and falsity, and may hence be significantly affirmed and denied. To deny a statement is to affirm another statement, known as the *negation* or *contradictory* of the first (Quine, 1958a:1).

Yet, when it comes to the issue of *identity*, language does not resolve the issue, partially because lingual units are not mere *copies* of what is given within reality. Quine says: “The utility of language lies partly in its very failure to copy reality in any one-thing-one-name fashion. The notion of identity is then needed to take up the slack” (Quine, 1958a:208). However, he does qualify this statement by pointing out that what are identical are the real extra-linguistic entities

and not the names with one another; the names stand in the statement of identity, but it is the named objects that are identified (Quine, 1958a:208).

This view is defended because Quine earlier on already insisted that it is incorrect to assert that the laws of logic hold purely by virtue of language and to say that they are therefore *analytic* in character.<sup>2</sup>

Quine did realize that the attempt to define analyticity<sup>3</sup> in terms of meaning runs into a circularity since meaning is defined in terms of analyticity – causing Fodor to underscore that there is no meaning-independent way of characterizing either *analyticity* or *meaning* (Fodor, 1977:43).

Once language as *horizon* is introduced one may claim that human beings do not have an *extra-lingual* access to (identical) entities. Is this not intended by Derrida when he states: “*There is nothing outside of the text* [there is no outside-text; *il n’y a pas de hors-text*]” (Derrida, 1976:158)?

### **Identity, entity and property**

Suppose we look at Frege’s well-known example of the “evening star” and the “morning star.” Frege used this example in order to distinguish between “Sinn” and “Bedeutung” (*connotation* and *denotation*). Although there are two *different lingual signs* involved, their reference (denotation) is the *same*. Van Woudenberg proposes to speak about an *identity relation* in cases similar to the “evening star” and the “morning star,” and about the relation between entity and property when assertions like “the hat is white” are at stake (Van Woudenberg, 2000:12).

Hart makes the situation slightly more complex when he opens his work on our understanding of the world with the following explanation – an explanation focusing on the *things* we can experience, the *properties* (attributes) we can discern and the *relations* existing between these entities:

Our universe, the empirical world of time and space, is populated by little girls, white-tailed deer, yellow slippers, planets and many other things. We can attribute

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<sup>2</sup> “Carnap maintained, and Frege before him, that the laws of logic held by virtue purely of language: by virtue of the meanings of the logical words. In a word, they are analytic. I have protested more than once that no empirical meaning has been given to the notion of meaning, nor, consequently, to this linguistic theory of logic” (Quine, 1973:78). On the next page, however, he does open the door for *analyticity*, but within a perspective that hinges on “social uniformity” – “a sentence is analytic if *everybody* learns that it is true by learning its words” (Quine, 1973:79).

<sup>3</sup> A sentence is supposed to be *analytically* true if it is true only on the basis of its meaning.

what may be called qualities, or functions, or properties to all of these entities in our world and we can say that they relate to each other. Little girls are cute and have mothers. White-tailed deer are fast and eat leaves. Yellow lady slippers have brown spots on their petals and need light. Planets move around the sun. We can record countless situations that always have these three elements: things with attributes in relation. Little girls feeling warm as they are cuddled by their mothers. White-tailed deer standing motionless as they listen to a sound. Yellow lady slippers hanging low as they bend under the weight of unexpectedly late snow (1984:1).

These remarks are all dependent on the implicit assumption that entities endure over time. The Dutch language expresses this phenomenon by referring to “het zich zijn en zich blijven” of entities.<sup>4</sup> However, already early Greek philosophy challenged this assumption when Heraclitus argued that whatever is is taken up in constant *flux* (B Fr.90).<sup>5</sup> It was Cratylus, a younger contemporary of Socrates and associate teacher of Plato, who caused the latter to come to a one-sided view of the ideas of Heraclitus. Cratylus interpreted Heraclitus to say that all perceptible things are in a process of *change* and that they are therefore unknowable. In his dialogue Cratylus Plato portrays him as claiming that since we cannot say “what is not” we are also unable to say what is *false*. Cratylus took *change* in such a radical sense that he even questioned references to what is the “same” – such as found in the alleged statement of Heraclitus that one cannot step into the *same* river twice: one cannot step into the same river even *once* (see Freeman, 1949:285). Apparently the implication of this radicalized position regarding *change* is that since there is never something to hold on to, *identity* is impossible as well.

### **Plato on identity and change**

Behind this consequence we find the school of Parmenides denying multiplicity in its fundamental identification of *thought* and *being*.<sup>6</sup> Thought can only think what is, because it cannot contemplate what does not exist. Veling remarks that Parmenides inspired later thinkers to engage in a rational search for “true reality” amidst all that is *changeful* (Veling, 2000:29).

With an appeal to the logical principle of identity Von Kibèd argues as follows against the (logical) “impossibility” of change. The continued existence of an entity over time is derived from an appeal to the (logical) law of identity:

The principle of identity, according to which everything is only identical to itself, actually forbids every change, every becoming-different, every stepping-outside of a substance from its being-itself (Von Kibèd, 1979:59).

He is well aware of the fact the some thinkers (like Aristotle) employ the distinction between *essence* and *appearance* to account both for the identity and the change of an entity:

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<sup>4</sup> Transliterated: “the being and on-going existence of something.”

<sup>5</sup> In connection with the nature of thermodynamically *open systems* we shall return to this Heraclitean idea of *flux* below.

<sup>6</sup> Zeno's arguments against multiplicity and movement (Achilles and the Tortoise, the flying arrow, and so on) simply explore the basic position taken by Parmenides in his claim that thought and being are the same.

The difficulties accompanying the concept of the changes of an unchangeable thing are side-stepped by dividing the entity into an essential and accidental part, thus producing the possibility to associate unchangeability with its essence and changeability with what is accidental (Von Kibèd, 1979:60).

However, according to Von Kibèd this won't help us, because also the accidental features of an entity are subject to the law of identity: "according to the principle of identity also the accidental must remain identical to itself and cannot abolish its essence, which is given in its accidental nature" (1979:60). His conclusion is therefore to be expected: "The concept of change is therefore logically unthinkable" (1979:60). What is needed in order to account for change, namely "the concept of causality, is logically seen non-transparent and shows the limits of logical explanation" (Von Kibèd, 1979:60-61). In order to transcend this apparent impasse we have to go back to Plato who found himself confronted with a thought climate assuming that change belongs to the world of the senses. This caused Plato to struggle with distinctions in service of his attempt to account for the *possibility* of knowledge. He realized that knowledge depend upon something more basic than *change*. From Heraclitus he had learned that all things accessible to sensory perception are in an ever-fluctuating state. It is therefore impossible to *know* these things. However, this conclusion rests on the presupposition that the existence of everything is exhausted by its state of *change*. Yet, if this is true, knowledge will be cancelled. The moment a claim of knowledge is made it is uprooted because what *this* moment is assumed to be known will change the *next* moment. It will become something *not yet known*, in fact, it represents something *unknowable*!

In order to secure the *possibility of knowledge* Plato then postulated the *enduring essential being* of things (their static *eidos*) – which is supposed not to be subject to *change* (Cratylus, 439 c- 440 a). Without an awareness of *endurance* (persistence) the very notion of *change* becomes problematic, for the difficult question then is: "what" changes? For example, an ageing person can only claim to be ageing because there is a constant reference to the *same* person! One can detect changes only on the basis of constancy – this is the valuable insight of Plato's theory of ideas. While we may distance ourselves from the speculative (metaphysical) construction of transcendent ideal forms (static essences), we all still have to account for the brilliant insight that *change* rests on *constancy*.

### **Galileo and Einstein**

Since the development of Galileo's mechanics classical physics attempted to understand all bodies in terms of the denominator of *mechanical movement*. The law of inertia assumes the constancy of motion if no *physical forces* interact with this movement. From Newton up to the beginning of the 20th century this *mechanistic* tendency stamped the main development of modern physics. Max Plank characterized this mechanistic orientation as follows in 1910:

The conception of nature that rendered the most significant service to physics up till the present is undoubtedly the mechanical. If we consider that this standpoint proceeds from the assumption that all qualitative differences are ultimately explicable by *motions*, then we may well define the mechanistic conception as the conviction that all physical processes could be reduced completely to the *motions* (the italics

are mine – DFMS) of unchangeable, similar mass-points or mass-elements (Planck, 1973:53).

In kinematics all processes are *reversible* in principle. This reversibility concerns the *kinematical time order of uniformity (constancy)*.<sup>7</sup> As such it lies at the foundation of the *dynamic* changes discernable within physical processes of *energy transformation*. Already in 1824 Carnot discovered fundamentally irreversible physical processes. During the 19<sup>th</sup> century the implication of this discovery was further explored by Clausius and Thompson in their formulation of the *second main law of thermodynamics*. In 1865 Clausius introduced the term *entropy*. This law accounts for the *irreversibility* of physical processes since it determines the *direction* of a physical (or chemical) process in a *closed system*.

Thus the law of non-decreasing entropy was established as the second main law of thermodynamics. At the same time the classical mechanistic reduction to pure motion was uprooted. Justifiably therefore Max Planck (in his mentioned article from 1910) remarks that the “irreversibility of natural processes ” confronted the “mechanistic conception of nature” with “insurmountable problems” (Planck, 1973:55). The effect was that physicists had to acknowledge that *physical time* is irreversible. This *irreversibility* is manifested in the *a-symmetrical* relation of *causality*, for it stands to reason that the *cause* precedes the *effect*. Kant already realized that *causality* is not identical to *succession*, because although day and night (and: night and day) are succeeding each other, it is incorrect to say that either one is the *cause* of the other one.

In a different context Janich draws a clear distinction between *phoronomic* and *dynamic* statements.<sup>8</sup> He states that the scope of the strict distinction between phoronomic (subsequently called kinematic) and dynamic arguments could be explained in terms of an example. Modern physics has to employ a *dynamic* interpretation of the statement that a body can alter its speed continuously only. Given certain conditions a body can never accelerate in a discontinuous way, that is to say, it cannot change its speed through an infinitely large acceleration, because that will require an infinite force.<sup>9</sup>

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<sup>7</sup> This reversibility is analogous to numerical succession and spatial co-existence – which are both also *reversible*. The reversibility of the numerical time order first of all flows from the reversibility of the + and – directions in the system of integers. Although concrete events in physical reality are unidirectional, the time order within the numerical aspect could be experienced both in the positive and the negative directions.

<sup>8</sup> The early 19<sup>th</sup> century German philosopher, von Baader, already employed a distinction between the *mechanical* and *dynamical* (see von Baader, 1851:52 ff. – an exposition forming part of a contribution to a dynamic philosophy as opposed to a mechanical one: “Beiträge zur dynamischen Philosophie im Gegensatze der mechanischen”).

<sup>9</sup> “Die Tragweite einer strengen Unterscheidung phoronomischer (im folgenden kinematisch genannt) und dynamischer Argumente möchte ich an einem Beispiel erläutern, das ... aus der Protophysik stammt. Die Aussage ‘ein Körper kann seine Geschwindigkeit nur stetig ändern’ kann von der modernen Physik nur dynamisch verstanden werden. Geschwindigkeitänderungen sind Beschleunigung, d.h. als Zweite Ableitung des Weges nach der Zeit definiert. Zeit wird von der Physik als ein Parameter behandelt, an dessen Erzeugung durch eine Parametermaschine (“Uhr”) de facto bestimmte Homogenitätserwartungen geknüpft sind ... Bezogen auf den Gang einer angeblich so ausgewählten Parametermaschine kann eine Körper seine Geschwindigkeit deshalb nicht unstetig, d.h. mit unendlich große Beschleunigung ändern, weil dazu eine unendlich große Kraft erforderlich wäre” (Janich, 1975:68-69).

Since the discovery of radio-activity it turned out that within micro-structures themselves there are irreversible processes present proceeding spontaneously in one direction only. In addition this state of affairs straightaway confirms the irreducibility of the physical aspect to the kinematical aspect (with its reversible time order). It is therefore incorrect to say that “change” is the only “constant.”

Already in his *Isagogè Philosophiae* from 1930 the Dutch philosopher, Vollenhoven, distinguished between the mechanical and the physical aspects. However, in the edition of 1936 this distinction no longer appears. His colleague, Dooyeweerd, on the contrary, initially maintained the order numerical, spatial, physical – thus identifying the kinematical aspect with the physical aspect. Round about 1950 he realized that this distinction is necessary to account for the fact that kinematics (phoronomy) can define a uniform motion without any reference to a causing force (compare Galileo’s law of inertia).<sup>10</sup> That physical laws pre-suppose the meaning of the kinematic aspect could be demonstrated with reference to the first main law of thermodynamics, currently known as the law of the *conservation of energy*. Already in 1847, at the youthful age of 26, Helmholtz presented a formulation of this first main law of physics to the *Physics Society* of Berlin. He began by pointing out that nobody had succeeded in building a successful *perpetual motion* machine. This was a logical consequence of the *indestructibility* of energy. Till the present physicists recognize this law as the law of energy conservation which means that energy cannot be created or destroyed. What is at stake here is the *constancy* of energy. But the nature of constancy is precisely what Einstein employed in his special theory of relativity. One can indeed say that the crux of Einstein’s theory of relativity is to be found in the nature of the (kinematic) *order of constancy* which it presupposes.

Bryon and Spielberg correctly emphasize that Einstein’s theory concerns “invariance” – i.e. constancy – but unfortunately they confuse the terms *absolute* and *unchanging*:

Indeed, Einstein originally developed his theory in order to find those things that are invariant (absolute and unchanging) rather than the relative. He was concerned with things that are universal and the same from all points of view (Bryon and Spielberg, 1987:6).

The term *unchanging* is simply the denial (negation) of *change* – a *physical* term.<sup>11</sup> The physical aspect must not only be distinguished from its foundational kinematic aspect, since there is also an indissoluble coherence between these two aspects. For this reason we shall find within the physical aspect a structural moment which reminds us of the foundational kinematic aspect. Constancy appears in the physical aspect as a structural reminder of the meaning of motion. In philosophical terms we may say that we find an *analogy* of the kinematic aspect at the law side of the physical aspect (see Strauss, 2000). A formulation of the first main law which intends to be true to reality would therefore have to refer to *energy constancy*. Strictly speaking the use of the term “conservation” is inadequate, since the activity of retention itself requires an input of energy – as in the case of thermodynamic “open systems” (or “steady states”). The law of *energy constancy* illustrates not only the distinct uniqueness of the kinematic and physical aspects, but,

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<sup>10</sup> See Dooyeweerd 1997-II:99. In Strauss 2003 an account of the *ontic status* of the various modal aspects of reality is given, with special reference to the numerical and spatial aspects.

<sup>11</sup> The term absolute cannot really be applied to anything in reality, that is, not if one wants to avoid the idolization of something within reality.

taking into account the distinction between law side and factual side, also the indissoluble coherence between them: without the foundational position of the kinematic aspect in the order of the various cosmic aspects we would have no grounds for discerning an analogy of the aspect of movement within the physical aspect, that is, the analogy of energy constancy. The distinctness and mutual coherence of constancy and change renders the statement that change is the only constant meaningless.

### **Modes of explanation making identity understandable**

The idea of an entity transcends any particular mode of explanation through which knowledge of entities is obtainable. One can explore different modes of explanation to demonstrate this perspective.

First of all an entity can be seen as an *individual* entity, i.e., as *being distinct* from other entities. Secondly the description of an entity may explore – in addition to the just mentioned numerical mode of explanation – the spatial mode by adding another qualification, for instance when an entity is designated as an *individual whole* (totality). But it is only when we explore the points of entry offered by the kinematical and physical aspects of reality that we are capable of articulating a well founded intuition of *identity*, for then we can add even further qualifications by saying that an entity is an *enduring* individual whole in spite of any *changes* to which it may be subjected.

Not only are we now in a position to explain that Von Kibèd got stuck in a static logic of identity – because he did not acknowledge the uniqueness and coherence between constancy and dynamics – but also once more to point out that Einstein did not develop a theory of relativity, but rather a *theory of constancy*.

### **Mechanistic biology and the identity of living entities**

The immense successes of organic chemistry and biochemistry in unravelling the intricate physico-chemical functioning of living entities tempt modern biologists inclined to a *physicalistic* approach to over-accentuate the dynamic flow of the physical-chemical constituents of living entities. Just consider the fact that all the atoms of our body, even of our bones, are exchanged at least once every seven years; all the atoms in our face are renewed every six months; all our red blood cells every four months; and 98% of the protein in the brain in less than a month. Add to this that our white blood cells are replaced every ten days and one-thirteenth of all our tissue proteins are renewed every 24 hours,<sup>12</sup> then we may justifiably ask the question: what guarantees the *identity* of a living entity if all the candidates are caught up in a constant flux?

From a purely mechanistic or physicalistic point of view a living thing is explicable in physical terms only. But then it must display a physico-chemical identity constituted by its atoms, molecules, and macro-molecules. The problem, however, is that all these constituents are constantly changing! Which of these physico-chemical components could then constitute this supposedly purely physico-chemical identity of living things? Will it be those atoms, molecules, and macro-molecules currently present within it, those present years ago, or those that will be present a few years hence!?

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<sup>12</sup> See Jones, 1998:40.

When living things are *physicalistically* reduced to their *material constituents*, their *biotical identity* is necessarily lost – since the supposed elements of identity continually vary.<sup>13</sup>

Yet, once the unique biotical function of living things is taken into account, it is even possible to claim that a living thing, considered in terms of the biotic mode of explanation, is in a *stable state* (referred to as *health*), while at the same time the claim can be made – without any contradiction – that considered in terms of a physico-chemical mode of explanation (with a view to the flowing equilibrium of its physical-chemical constituents) it exists in an *unstable state*.<sup>14</sup> If the physical-chemical substratum of living things approaches a state of *higher statistical probability*, biotical *instability* increases as a sign of the final process of *dying*.<sup>15</sup>

From our preceding considerations important consequences follow.

- 1) Whenever an idea of *identity* is formulated, the decisive clue is always given in the *mode of explanation* involved. For example, compared to the *physical* identity of material entities, living entities display a *biotical* identity.
- 2) Furthermore, whenever *identity* is the theme, at least an implicit awareness of the foundational relationship between constancy and dynamics is entailed.
- 3) Finally, since an entity is more than the sum of its different modes of explanation, no single (entitary) identity-claim can exhaust the uniqueness of any entity.

Sometimes a distinction is made between living and non-living entities: the first category applies to entities that retain their identity in spite of changes, whereas the second category refers to material things. Van Woudenberg remarks that the latter groups of entities can only be maintained through *external* intervention. It is clear that he did not realize that what von Bertalanffy designated as a *flowing equilibrium* (*Fleissgleichgewicht*) – exemplified in a fire or glacier – does not require external maintenance (such as in the case of Plato's ship). Consequently, there ought to be no objection to speak about the identity of physical entities as well. But endurance over a period of time may be questioned in terms of what is known as the "principle of the indiscernability of identicals" of Leibniz, entailing that only when we restrict ourselves to a specific moment in time is it possible to affirm the identity of entities. However, as van Woudenberg remarks, the idea of temporal parts does not side-step the awareness of identity over time, but presupposes it (2000:43).<sup>16</sup>

### **The problem of the mind-brain identity**

In spite of the fascinating detail brought to light by contemporary cognitive science it must be clear that within this field one can easily end up with conflicting modes of explanation. An inclination towards the supposedly decisive *biotical* structure of the brain (as an organ) might have lost sight of other equally important modes of explanation, such

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<sup>13</sup> Plato discusses the example of a wooden ship of which all the constitutive parts are replaced on see (*Phaido*, 58; see Van Woudenberg, 2000:28).

<sup>14</sup> We should remember that Von Bertalanffy [on the basis of his idea of the dynamic equilibrium (*Fliessgleichgewicht*)] generalized the second main law of thermodynamics to *open systems* (see Strauss, 2002a).

<sup>15</sup> Heraclitus must have understood something of *open systems* with his idea of flux, because his thought exhibits an awareness of the reciprocity between persistence and change (see B Fr.90).

<sup>16</sup> See in this connection also Fine 2003.

as explored in approaches primarily interested in *sensitive* phenomena, in empirical detail about logical reasoning, about techno-formative skills (for instance in tool-making), in the uniquely human linguistic abilities, and so on.

If the distinction between *modal function* and (transmodal) *entity* is neglected the fallacy of reification becomes actual. The concrete many-sidedness of human subjectivity and human agency transcends any mode of explanation because no single aspect exhausts human functioning. Therefore, if the brain is explained in terms of a mode *different* from the biotical, then the supposed mind-brain identity claim would be highly problematic (and recognized as reductionistic). Glas also proceeds from the idea of modal functions as modes of explanation when he remarks that he employs the term “level” with reference to “the qualitative distinctiveness between modes of reality” and to the distinctiveness of modes and entities: “When the modal analysis of an aspect of reality is fundamental in the process of abstraction, then the entitary reformulation of this modal (or functional) point of view may become a first step into the direction of reification and undue substantializing” (Glas, 2002:154). In response to the approaches of Churchland and other neuroscientists he highlights the shortcomings both of a dualist and a monist account:

Psychophysical dualism and dualist interactionism may be seen as a result of the unjustified belief in the independent existence of mind and of body as (quasi-) substances. The modal aspect – mental functioning as a mode of functioning that qualitatively differs from biological functioning – is substantialized and changed into a mental substance or a mental entity called ‘The Mind’. Psychophysical identity theories, on the other hand, run the risk of being transformed into one or another form of monism. This occurs when the nature of the ‘common ground’ of different forms of functioning is defined in terms of one particular scientific discipline, such as biology (Glas, 2002:164).

### **Societal identities**

Philosophy of the mind and social philosophy also struggled extensively with issues of *personal identity* (traditionally: the supposed relationship between body and soul and more recently the just mentioned question regarding the identity of mind and brain) and with the complex relationships between the “individual” and “society” (*collective identity*). Am I in the first place someone with an *ethnic identity* (such as an Englishman, Zulu, Afrikaner, or Sotho) and only in the *second instance* partaking in a specific political identity (such as being a South African, American, etc.)?

The basic and important perspective in this context is that no single societal identity – however much it is considered to be a “social construction” – can escape both from fundamental ontic modes of explanation co-conditioning human society (such as the lingual,<sup>17</sup> the economic, the social, the aesthetic, the jural and the moral) and the various

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<sup>17</sup> It should be noted that every mode of explanation has a universal scope in the sense that whatever there is in principle has a function in every ontic mode of reality. Another way to refer to this state of affairs is to speak about the modal universality of different aspects. This may provide an interpretation of Derrida’s statement that there is nothing outside the text different from his own eventual explanation. In terms of the modal universality of the sign mode one can say that whatever there is within reality will always also function within this aspect – suggesting that there is indeed nothing outside the “text”, i.e., not functioning within the “text” or sign mode. Derrida eventually said that “[t]he phrase which for some has become a sort of slogan, in general so badly

*possible identities* human beings can construe (and assume) in the process of what Simmel calls *sociation*. Simmel holds that a number of individuals are only transformed from a spatial aggregate or a temporal sequence into a society when (through sociation) these individuals exercise a mutual influence upon each other: “If, therefore, there is to be a science whose subject matter is society and nothing else, it must exclusively investigate these interactions, these kinds and forms of sociation” (see Levine, 1971:24-25).<sup>18</sup>

Therefore one should also realize that the existence of no single human being is ever exhaustively encompassed by participating in any single social collectivity.<sup>19</sup> Consequently, the socially differentiated roles played by human beings within multiple societal collectivities are always merely *partial*, entailing that any given person is always *at once*, i.e., simultaneously, participating in *various* social entities.<sup>20</sup>

This means that at once a person may be a father, citizen, club member, and so on, participating in these distinct social identities without fully being absorbed by any one of them. The mystery of the human being certainly coheres with the fact that no single differentiated social identity can fully and exhaustively encompass the nature of being human.<sup>21</sup>

### Concluding remark

The preceding discussion was mainly focused on the difference between an entity and the diverse modal aspects in which such an entity can function. The argument Graces upon their assumption that an entity is transmodal in nature. The co-conditional role of functional aspects as modes of explanation supported our argument that change can only be established on the basis of constancy. Yet, the step from constancy to an awareness of identity needs further elaboration. In conclusion a brief indication will be given of what is at stake in this regard.

Terms residing within a particular modal aspect may be applied in a twofold sense, either as referring to phenomena functioning within the aspect concerned, or such terms may be employed such that they serve an understanding transcending the limited context of a specific mode of explanation. When the awareness of uniform motion is applied to the description of a uniformly moving body in a purely (abstract) kinematic sense, we may say that such a term is used in a *conceptual way*. However, the moment we expand our scope and use the term “constancy” in order to refer to the identity of an entity over time in spite of changes it may experience, then the intuition of constancy is applied in a *concept-transcending way* manifest in speaking about the *identity* of such an entity.

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understood, of deconstruction (‘there is nothing outside the text’ [*il n’y a pas de hors-texte*]), means nothing else: there is nothing outside context” (Derrida, 1988:136).

<sup>18</sup> According to Simmel, however, the assumed reality of a supra-individual society is a fatal reification of a mere abstraction (cp. Ziegenfuss, 1954:14).

<sup>19</sup> Analogous to the nature of thermodynamically open physical systems (a fire, glacier, etc.) various societal collectivities also continue their identity over time in spite of the coming and going of individual members.

<sup>20</sup> Of course specific conscious actions within specific social entities normally only take place in *succession*.

<sup>21</sup> I am currently involved in publishing a series of articles in the sociological journal “Society in Transition” related to the problem of “individual and society” – one already appeared in 2002 (see Strauss, 2002), the second one will appear in 2004 and the third one still has to be completed and presented for publication.

The phrase *concept-transcending knowledge* can be designated as *idea-knowledge*, where it is assumed that a *form of thought* is needed in order to capture that kind of knowledge *transcending* the limits of concept formation.<sup>22</sup> In general therefore our talking about the identity of things rests upon the basis of a *concept-transcending idea* of the transmodal reality of entities. It entails that entities belong to a distinct dimension of reality intimately cohering with another dimension of reality, namely that of modal functions (aspects). We only have access to entities because these aspects not only serve as modes of being and modes of explanation, but also as *experiential points of entry* to entities.

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<sup>22</sup>

Nicolai Hartmann therefore aptly explained Kant's notion of the ideas of reason in a similar fashion. The thought-form required to *think* of an unknowable "thing-in-itself" ("Ding an sich") is what a "Grenzbegriff" intends to capture (see Strauss, 2003a:254, particularly also note 17 about the translational equivalent of *Grenzbegriff* (= concept-transcending knowledge) (see Hartmann, 1957-II:311).

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