## Debating Dispositions

Issues in Metaphysics, Epistemology and Philosophy of Mind

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stimulating discussions after each and every talk, and without their latent disposition toward collegiality that instantly manifested itself in the context of the conference and to contribute to the anthology, without the intensive and and her team have supervised the project on the editorial level later on in a this conference this anthology on disposition could not have been realized. the contributors to this anthology: Without their willingness to participate in have been in charge of this project in the first phase, while Gertrud Grünkorn getically helped with the organization of the Conference in Wittenberg and friendly and cooperative manner. Last but not least, we would like to thank been friendly, efficient, and exemplary. Sabine Vogt and Christoph Schirmer professional advice and effort. The cooperation with the publishing house has Rainer Enskat, who supported this project from the very beginning with his lisher's guidelines. In this context we also have to acknowledge appreciatively who, together with Jens Gillessen, formatted the texts according to the pubanthology. We would particularly like to thank Gunnar Schumann who ener-College of the Holy Cross, USA for grants supporting the publication of this Gruyter publisher. We are grateful for their generous support. We also would Supporters of the Martin-Luther-University Halle-Wittenberg and Walter de like to express our gratitude to the Böhringer-Ingelheim Foundation and the Deutsche Forschungsgemeinschaft (DFG), the Association of Friends and light of the debate at this conference. The conference was funded by the articles in this anthology were first presented as talks and then later revised in the Leucorea in Wittenberg in summer 2006. With a few exceptions, all of the ity among the participants of a conference on dispositions that took place at The anthology grew out of the spirited discussion and philosophical collegial-

The Editors

## Dispositions and Their Intentions

#### ANDREA BORGHINI

conditions of individuation of a disposition; however, such attribution does not affect the identity of a disposition. tual tool introduced in order to alleviate the burdensome task of specifying the dividuation conditions. I conclude that the attribution of intentions is a concepproperties in terms of their qualitative character, and examine their identity and inand their individuation conditions. I, then, define categorical and dispositional two questions about properties, respectively addressing their identity conditions the intentional understanding of dispositions. I start by distinguishing between of the modal character of dispositions. In this paper, I defend a fresh version of sitional Realists, most notably Stephen Mumford, challenged this understanding of dispositions should be understood in terms of their intentionally. Other Dispotin, I'llin Place and Creorge Molnar most notably argued that the modal character have an irreducible modal character. Among Dispositional Realists, Charlie Marreality - i.e., dispositions - are properties, may exist in the natural world, and Abstract: Dispositional Realism is the view according to which some denizens of

character that may be instantiated by objects in the natural (i.e., spatioues, thereby denying Dispositional Realism. temporal) world. Other Realists, deny the existence of dispositional properdispositions. Roughly, the latter are those entities with an irreducibly modal ists, some are Dispositional Realists: they believe that some properties are instead, believe that some denizens of reality are properties. Among the Real-Nominalists believe that there are no properties, but only particulars. Realists

merit to the view according to which dispositions have intentions. provide a fresh understanding of Dispositional Realism, which gives some In this paper, I shall assume Realism about properties. My aim will be to

### 1. Singling Out Properties

tinctions that we shall employ during the discussion. nical vocabulary; it is thereby convenient to start off by introducing two disthe past few decades, it was enriched by the addition of an increasingly tech-As the debate on the ontological status of properties grew consistently over

> and sparse. Abundant theories incorporate the following principle: First distinction. There are two kinds of theories of properties: abundant

AB: For any predicate within the language of the theory, there is a property.

erty. In what follows, I shall endorse a sparse theory of properties.2 within the language of the theory, as only a few predicates single out a propproperties there are cannot be established just by looking at the predicates Sparse theories, on the other hand, reject AB. For a sparse theorist, what

reference to Dustin Hoffman. Pure properties are those that are identified plied to impure ones as well, although I shall not attempt to do so. that follows is concerned with pure properties. Derivatively, it might be apwithout reference to any particular. For example, Being cheerful.3 The discussion some particular. For example, Dustin Hoffmun's being cheerful is identified via impure. Impure properties are those whose identity is fixed via reterence to Second distinction. Some properties are said to be pure and some to be

Out Question (SOQ): array of properties, perhaps a gerrymandered one? I shall label this the Singling indeed, single out a property - Being an electron - or, rather, does it refer to an theory, you have the predicate: 'To be an electron'; does such a predicate, se and pure is to devise a criterion (or: some criteria) through which properties can be singled out. For example, suppose that, in the language of the One of the problems for a theory according to which properties are spar-

SOQ: Under what circumstances ought one to commit to the existence of a property?

and the Individuation Question (INQ): As I see it, SOQ is composed of two sub-problems: the Identity Question (IDQ)

What makes a property the property that it is?

Under what conditions is the individuation of a property achieved?

dence that is necessary to single out a property. other properties. INQ is an epistemic problem: it concerns the sort of evito tell what makes it a unity (one property) and what distinguishes it from all IDQ is a metaphysical question: to tell what fixes the identity of a property is

Contradictory predicates as well as predicates that give use to logical paradoxes ought to be excluded. For a recent presentation of AB, see Field 2004.

See Armstrong 1979, Lewis 1986, 59-69, Swoyer 1996, Mellor and Oliver 1997, 1-33, and Shaffer

See Khamara 1988, Humberstone 1996, Langton 1998 and Langton and Lewis 1998

order to individuate dispositions, and to single them out, talk of intentions comes in handy. because of this, there is no need to attribute intentions to dispositions; yet, in tional properties is done in connection with INQ and not with IDQ. And, ment will purport to show that the attribution of intentionality to disposi-In what follows, I shall first address IDQ and then INQ. My main argu-

## 2. On the Identity of Properties I: Categorical and Dispositional Entities

ought to be understood. The vast majority of the contestants focused on a the first would entail conditionals, while the latter would not.4 certain purported difference between dispositional and categorical ascriptions: and dispositional. Yet, it is a major point of controversy how the distinction It is fairly ordinary to distinguish between two kinds of entities: categorical

for telling apart categorical from dispositional entities. independent justification to be established. Here is the one I wish to propose facts can be hints or guides to ontological facts; yet, the latter will need an ascriptions to substantiate differences among the ascribed entities. Linguistic other words, it is not methodologically sound to invoke certain features of not through a linguistic distinction that we establish a metaphysical one. In eye of the Dispositional Realist it proceeds from a methodological vice: it is Although this distinction enlightens a relevant side of the debate, to the

property entertains. Aspects are divided in two kinds, intrinsic and relational defined as follows: labelled also nomic role.5 This includes all aspects that each instance of a We start by saying that all properties have a qualitative character, sometimes

Intrinsic aspect. a feature that each instance of a property entertains regardless its environment.6

Relational aspect. a relation that each instance of a property entertains with instances of other properties.7

Thus, the qualitative character will be defined as follows:

Qualitative character of property P: all the intrinsic and relational aspects of P.

gen and Being water. others, that its instances will be related to instances of Being a molecule of bydru-For example, the nomic role of Being a molecule of axygen will include, among

that it does and may bring about. with its qualitative character is to tie it necessarily with (some of) the changes they do, or may, bring about changes in reality. Thus, identifying a property Both intrinsic and relational aspects may be causally efficacious: that is,

partially, its identity.8 a moletule of oxygen will be peculiar to such a property and will make up, at least each quiddly belongs to one and only one property. Thus, the quiddly of Beng ties, such that each property - purportedly - has one and only one quiddity and These postulate the existence of non-causally efficacious aspects, called quidditially or completely change its qualitative character and still retain its identity. For some, however, this proposal is not adequate, as a property may par-

have quiddities. I shall, therefore, remain neutral with respect to this point. will say about the identity of properties will not hinge on whether properties Although I am suspicious of the theoretical plausibility of quiddines, what I

can be labeled as categorical. all times, related to those of Being a child. In this sense, such a kind of aspects stance of a property possesses it, it is manifest at all times. For example, instances of Being round are, at any time, round; instances of Being a father are, at Now, some aspects seem to be an always-or-never affair: when an in-

some aspects can be labeled as dispositional." at a time and be manifested at another time. Instances of Being fragile, for example, are related only occasionally with those of Being broken. In this sense, On the other hand, some aspects seem to be such that they can lay latent

properties' aspects: We, thus, have a categorical is dispositional distinction at the level of

See the discussion in Mellor 1974, Prior 1982, Prior 1985, Mumfired 1998, 64-92, and, for an up See, for example, Robinson 1993 and Shaffer 2005, to date overview, the article by Schrenk in this volume.

I reject the existence of intrinsic aspects, as they cannot be individuated

Langton 2004 and Langton 1998. However, I shall leave this point on a side here, as it does not - see Lewis 200+,

Some prefer to define the qualitative character in a way that renders the subjects of the relations shall speak as if the properties themselves are related. However, what I will say shall not depend the particulars instantiating the properties, rather than the properties themselves. In the sequel, I

on this choice and, with some efforts, it is possible to rewrite it so that the qualitative character will involve relations among bearers of the properties rather than instances of the properties

See Armstrong 1989, Lewis 200+, and Shaffer 2005.

It is the conviction of the majority that all dispositional aspects are relational. And, in the sequel, non-relational dispositions. For a recent discussion, see McKitrick 2003. no more than a terminological choice: I shall not attempt to undermine the thesis that there are I shall employ 'dispositional relation' as synonymous with 'dispositional aspect'. But, this will be

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Categorical aspect:

an aspect such that, when included in the qualitative character of an instance of a property, is manifest at all times.

Dispositional aspect:

an aspect such that, when included in the qualintive character of an instance of a property, may manifest at a time and not manifest at another time.

It should be noted that these definitions are compatible with an aspect not being shared by all instances of a property. Thus, it might be that different instances of Being uranium do not share certain dispositional aspects. Whether or not to accept such properties will depend on how strictly one defines the identity of a property. I shall leave this issue open.

Can we derive, from this, a distinction at the level of properties too? There are two ways of doing it. First way. Define categorical properties as those whose qualitative character includes some and only categorical aspects; define dispositional properties as those whose qualitative character includes some and only dispositional relations. An advocate of this view is Molnar 2003:

Categorical property 1:

a property whose qualitative character includes some and only categorical aspects.

Dispusitional property 1: a property whose qualitative character includes some and only dispositional aspects.

Neuml may. Define categorical properties as those whose qualitative character includes some (but, perhaps, not only) categorical aspects; define dispositional properties as those whose qualitative character includes some (but, perhaps, not only) dispositional aspects. An advocate of this view is Martin's contribution to Armstrong et al. 1996.10

Categorical property 2:

a property whose qualitative character includes some categorical aspects.

Dispusitional property 2: a property whose qualitative character includes some dispositional aspects.

Only the first way can be properly said to define two kinds of properties; the second way, just makes the categorical and the dispositional two aspects of properties. Indeed, all properties that entertain some, but not only, categorical aspects will entertain some dispositional relations; and, via versa, all properties that entertain some, but not only, dispositional relations will entertain some categorical aspects. So, the categorical and the dispositional will not be distributed among properties in a mutually exclusive way.

Now, to clarify the distinction, an advocate of the second way might introduce a distinction between essential and accidental aspects — call this second way. Even if a property has both categorical and dispositional aspects, only one or the other kind can be essential to the property. Thus, the distinction will be as follows:

Categorical property 2\*:

 a property whose qualitative character includes some essential aspects and these are all categorical.
 a property whose qualitative character includes

Dispositional property 2\*: a prop

2\*. a property whose qualitative character includes some essential aspects and these are all dispositional.

Furthermore, the advocate of the second way\* might also introduce a milder distinction among dispositional and categorical properties as follows:

Aspect categorical property: a property whose qualitative character includes some categorical aspects, but it is not categorical 2\*.

Aspect dispositional property: a property whose qualitative character includes some dispositional aspects, but it is not dispositional

More below, we shall draw further considerations regarding the two ways. We can for now conclude that, whichever we choose, we have two kinds of aspects and, derivatively, two kinds of properties.

## 3. On the Identity of Properties II: Primitive Modalities

We shall now consider IDQ with respect to the two kinds of properties: what makes a categorical property the property it is? And, what makes a dispositional property the property that it is?

the way sees dispositional and energotical properties as identical. That is, according to this view there is no metaphysical distinction between categorical and dispositional aspects; still, both dispositional and categorical ascriptions may have truth-makers and these will be one and the same kind of entity. See for example Mumford 1998 and Hell 2003. As it shall become clear farther on, I shall not consider this way, as I believe that it cannot properly accommodate for the primitive modal character of dispositions. If (some) modal sentences are true in virtue of some primitive modal entities, and reality includes entities that are non-modal, then it cannot be claimed that modal and non-modal entities are identical.

entertain with other properties as well as by its quiddin (if it has one). property, on the other hand, will be fixed by the relations that it is disposed to pects as well as by its quiddity (if it has one). The identity of a dispositional Presumably 1, the identity of a categorical property will be fixed by its as-

many attempted to reduce the dispositional to the categorical. ises; and dispositional relations are but promises of relations. For this reason, erties is smaller. Talk of dispositions is suspicious. Dispositions are but promnumber of those who are ready to accept dispositional relations among prop-While many are ready to accept categorical aspects of properties, the

point, to understand where a Dispositional Realist may locate herself within some disagreement regarding primitive modalities. It is opportune, at this the contemporary debate on the metaphysics of modality. and with it the number of the Dispositional Realists. 12 Still, there seems to be number of arguments against the possibility of a reduction has grown larger, The debate, over the last few decades, has been extensive. Slowly, the

account of the irreducibly modal entities. theory of modality can, indeed, be seen as that of providing a satisfactory modal facts in terms of non-modal ones.11 The purpose of a metaphysical number of criticisms has now shown that modal realism might fail to define lieved that David Lewis's modal realism was an exception to this; however, a the existence of some irreducibly modal entities. For many years it was becontain modal terms (briefly: modal sentences) are irreducible. Thus, if we believe that modal sentences have a truth-value, we need to make room for Contemporary theories of modality recognize that some sentences that

ties, fictional entities, and what else you may have to add to the list. entities of all sorts: members of the natural world, abstract mathematical entiaffairs). Among the constituents of the primitive modal propositions there are primitive modal propositions themselves, or primitive modal facts or states of proposition, and it carries a reference to primitive modal entities (presumably: contains some occurrences of the symbols V or 'D', is a primitive modal the language of a modal semantics (a Kripke-style possible worlds semantics) constituents - as primitively modal. Each proposition, whose translation into liberal: it accepts all sorts of modal propositions - without regard to their fended by Forbes 1985, Forbes 1989 and Chihara 1998 is perhaps the most Among the proposals, the so-called mudalist position, as it has been de-

they are all entities of a fiction. propositions involve linguistic entities; for the combinatorialist, primitive terms of those. Thus, for example, for the linguistic ersutzist, primitive modal modal propositions are re-combinations of actual entities; for the fictionalist those propositions; all other modal propositions will, then, be explained in tions need to be regarded as primitive. Rather, we ought to select certain propositions as irreducibly modal or, perhaps, some entities embedded in On the other hand, some believe that not all apparently modal proposi-

ties, or concrete worlds other than the actual. tor example - linguistic entities, or fictions, or re-combinations of actual entihowever, all other theories deny this: according to them, modal entities are tions - that is: certain modal entities - belong to the (actual) natural world; not open. Indeed, the Dispositional Realist claims that (at least some) disposimitive dispositions (see Borghini and Williams 2008). The other options are according to which all modal sentences are interpreted as attributions of pridalist or endorsing a dispositional theory of possibility - a recently advanced theory, The Dispositional Realist has, fundamentally, two options: being a mi-

some dispositional properties (or relations) to certain entities. dal talk can ultimately be interpreted as dispositional talk; that is, as attributing Indeed, that is what the dispositional theory of possibility claims: that all motic, mathematical, or counterfactual propositions we might find a reduction. reduce dispositional talk to talk of categorical entities. But, for the probabilismong the primitive modal entities on account that you cannot apparently of linguistic reduction. Most Dispositional Realists include dispositions a-Dispositional Realists, for two reasons. The first has to do with the business But, the extreme liberality of the modulist might be unpalatable to most

modal primitives are facts or situations or states of affairs rather than properexplanation according to which all modal primitives are properties. The nutions are properties; hence, metaphysical simplicity suggests seeking for an ought not to) accept a proliferation of the kinds of modal primitives. Disposidalist, on the other hand, will typically endorse a view according to which The second reason is metaphysical. The Dispositional Realist will not (or:

definition - will do the same. tions are real, then you need to look no further for your modal primitives reduce dispositions to some other kinds of entities; and the dispositionalist - by when it comes to disposition ascriptions. The modular will not attempt to lowing moral can be drawn for present purposes: if you accept that disposi-Whether the Dispositional Realist be a modulist or a dispositionalist, the fol-

cording to which dispositional and categorical properties are identical, falls From this follows that the so-called identity theory of dispositions, ac-

<sup>5</sup> For some, the identity of a property will be entirely fixed by the quiddity, no matter what its

ū 2001, Mumford 1998, Mellor 2000, Mellor 1974, Martin 1994, Popper 1990, Harre 1970 and achievements, see: Manley and Wasserman 2008, Molnar 2003, Molnar 1999, Lillis 2002, Ellis Among the many contributions arguing in favor of this side of the debate, or acknowledging its

See Shalkowski 1994, Melia 2003, Divers 2002, Cameron 2008, Denby 200+ and Borghini 2007.

short of an adequate explanation of the nature of possibility.<sup>14</sup> This is a remark that has gone unnoticed so far in the disposition debate. If you take modal sentences at face value, possibility and actuality cannot coincide. It is obvious that there are possibilities that are not actualized. Thus, it is obvious that there are modal entities that are distinct from actual ones. But, dispositions are a kind of modal entities; and many dispositions are never manifested; hence, dispositions cannot be identical to some non-modal entities.

In other words: if you take modal sentences at face value, the realm of the possible and the one of the actual are distinct. For the Dispositional Realist, cannot be identical with the realm of the actual. Indeed, by definition, a Disconsitional Realist cannot attempt to reduce dispositional talk to talk of recombinations, or of linguistic entities, or of concrete worlds other than our and the one of the actual may both be part of the (actual) natural world, as

Let us now explore a little further the peculiarity of dispositions as modal primitives. A modal primitive is an entity which expresses a possibility: that a certain situation can, could bare, might... obtain. If we say that dispositions are modal primitives, we are accepting that certain situations are disposed to obtain. This, roughly, means that they will obtain, if certain conditions will also obtain; but, this is no definition of the entity in question: it is just an illustration, a tool that is useful for us to talk about the entity in question.

Dispositions are a ductile modal primitive. They belong to a certain ontological category – namely, properties; yet, it is left open to what sort of indicated (if any) they are ascribed. Thus, you may find dispositions ascribed to entities in the natural world as well as to mathematical entities, social institutions, fictional entities, or any other realm of being one might envisage. This gives a great explanatory power to the Dispositional Realist, at the cost of admitting one kind of properties.

To accept that some modal primitives thrive in the natural world poses obvious epistemic worries: it amounts to giving plausibility to the hypothesis that there might be infinite features of our environment that lie hidden to us. Still, we also have strong reasons to swallow this pill. And, we ought to resist the temptation to make the swallowing less unpleasant by trying to further explain the ontological structure of our modal primitives.

Dispositions are just that: primitive properties, perhaps always lying hidden to our sensory perceptions, Joe enjoys the property Being a father, along the same lines, perhaps he enjoys the property Being brave in wartime, but, (hopefully) we might never find that out. Both entities are properties: if you can,

can, ontologically speaking, make sense of the first, you ought to be able to make sense also of the latter.

The only difference between categorical and dispositional entities consists in the fact that the latter, sometimes, lie hidden to our senses. Yet, this ought to be no scandal: if you accept that modal propositions have truth-values, then you ought to accept that there are some modal entities that lie hidden to your senses. Perhaps, it is a scandal that such entities belong to the natural world: but this calls for an epistemic justification, rather than a further analysis of the metaphysical nature of those entities. Metaphysically speaking, they are just properties.

However, some Dispositional Realists have given in to the temptation. For example, Martin and Pfeifer 1986, Place 1996, Place's contribution to Armstrong et al. (1996, 19-33) and Molnar 2003 invoked an additional notion to explain the metaphysical nature of dispositions: intentions. According to their proposal, intentionality is the mark of the dispositional. By 'intention' here it is not meant that plan to carry out a certain action; rather, that feature of a mind to be in a state, which is about something without being that thing, Joe can 'intend' the apple in front of him, without being that apple or having the apple as a part of himself. Along the same lines, if the glass is fragile, it means that it 'intends' breaking, whose state would be revealed where the right circumstances to obtain.

From this, a debate ensued on whether dispositions ought to be understood – at the metaphysical level – in terms of intentions or, rather, in terms of other kinds of entities, such as functions (for the latter suggestion, see Mumford 1999; for a reply, Place 1999). But, in light of what we have said, it should be clear that dispositions ought not to be understood in terms of other modal notions.

Still, invoking intentions can be useful; not to answer IDQ, rather, to answer INQ. To this task we shall now turn.

# 4. On The Individuation Of Properties I: Categorical Properties

Suppose you agree that there are both categorical and dispositional entities. You ought to wonder, next, how the individuation of these entities is achieved.

At first, let us briefly consider categorical entities. Presumably, those that inhabit the natural world will be individuated in terms of the way they manifest themselves to our senses. Those that do not inhabit the natural world (if there are any) will be individuated in terms of the concepts through which they are expressed to us, be those concepts abstractions from sensory experiences or a priori.

<sup>14</sup> For an exposition of the identity theory, see Mumford 1998 and Heil 2003.

dispositional relations, namely, certain ways in which the property interacts individuate a categorical property, we need to postulate that it is capable of property of a kind to entertain aspects of the other kind. Indeed, in order to defining categorical and dispositional properties: the way that allows for a Here we find an argument in favor of the second way (and the second way\*) of

an equilateral triangle. 15 bring about, under certain standard conditions, the conceptual experience of dard conditions, the visual experience of red; Being an equilateral triangle will ceptual experiences in a subject. Being red will bring about, under certain stanunder normal conditions, is disposed to bring about certain sensory or con-Thus, it is natural to define a categorical property as that entity which

of the property; that is, the property might exist, even if unknowable. Still, it capacity of being individuated. This capacity need not be an essential aspect seems to be an essential aspect to the individuation of the property. not allow the property to have such an aspect, we could not account for its not be the defining aspect of a categorical property. However, if we would The disposition to bring about a sensory or conceptual experience will

qualitative aspects of a property. So, there is no dispositional relation involved state of the subject. In other words: epistemic attitudes are not part of the and no need to attribute dispositional aspects to categorical properties.16 between an individuating subject and an individuated entity; rather, it is just a relational properties. Perhaps, individuation is not a dispositional relation does not compel the acceptance of the second way of defining categorical and We should - at this point - mention an alternative explanation, which

achieved through the senses. We cannot make a similar claim with respect to And, for present purposes, it is relevant to stress that such evidence may be involve some form of evidence remarking the existence of categorical aspects. has more merit. Fither way, the individuation of a categorical property will dispositional aspects. This is what puzzles their detractors. I shall, for the time being, leave open the choice as to which explanation

# 5. On The Individuation Of Properties II: Dispositional Properties

of a disposition comes in handy. account for their individuation? This is where invoking the intentional character to our senses -- as, indeed, they might never be revealed -- how then shall we If dispositional aspects cannot be individuated in terms of the way they reveal

For this view, see Ducasse 1942, Chisholm 1957, Sellars 1967, Tye 1984, and Thomas 2003.

psychological. (For a detailed discussion, see Molnar 2003, 60-81.) both necessary and sufficient for telling apart the psychological and the nonsions reject the so-called Brentano thesis, according to which intentionality is dispositions.<sup>17</sup> Indeed, the defenders of the intentional character of disposition of breaking, were the right conditions to obtain. It is important to stress disposed to bring about, if the right conditions obtain. Fragility has the intenthat no self-consciousness is typically attributed to the intentional character of The intention of a disposition is, simply, the situation that the property is

mistake lies at the foundation of their explanation. which dispositions may be singled out. However, it is my conviction that a clarify the concept of a disposition in order to clarify the conditions under ing to defend the relatively novel Dispositional Realism, they attempted to I believe that Martin and Pfeifer, Place, and Molnar's aim is noble. Hav-

worlds that could have been actual. sess an irreducibly modal character: they are combinations, propositions. or worlds other than our own. Each of those categories is supposed to possitions are no more mysterious than re-combinations, ersuly linguistic entities metaphysical clarification that is called for. As primitive modal entities, dispo-Realists to revise the primitive modal character of dispositions. It is not a The problem with singling out dispositions does not call Dispositional

talk is a conceptual ladder used to individuate dispositions. appeal to the situation that a disposition intends to bring about. Intentional existence: how can we even start talking about them? It is here that one can ficulty in individuating them. Dispositions may lie hidden for their entire Rather, the problem with singling out dispositions has to do with the dif-

at first appear. move to consider INQ, this claim reveals to be not as innocuous as it might qualitative character of a property. Thus far, we have taken for granted that the qualitative character is made out by a multiplicity of aspects. But, when we dispositions, we shall now consider a problem affecting the definition of the In connection with the difficulties associated with the individuation of

aspects might be infinite. Hence, individuation might never be achieved. not all, might leave indeterminate which property is under consideration. But, erty one would have to individuate all of its aspects; to individuate some but dispositional or categorical). Suppose also that the aspects are such that they are shared among different properties. Then, in order to individuate a prop-Suppose that each instance of a property has multiple aspects (be them

those aspects of a property that can be shared and those that are specific. The ited extent. This, however, burdens the theory with the task of finding out We could, then, suppose that properties can share aspects only to a lim

Different, but related arguments are offered also in Franklin 1988 and Blackburn 1990

See Martin and Pfeiter 1986, Place 1999, Place 1996 and Molnar 2413.

has aspects for each property. risk is that, in order to ease the task of individuation, we end up positing ad

Being a father seem to share a relationship with Being a child. that relations among properties are exclusive. For example Being a mather and garded as exclusive to each property, it seems to run against evidence to say more unpalatable, though. Even assuming that intrinsic aspects can be reshared at all among different properties. This would render the theory even Finally, we could suppose that aspects are exclusive: they cannot be

a relationship to Being a child, Being a female would have a relationship to - say the property of being a certain reproductive organ. each of those properties would have just one aspect: Being a parent would have rather, it would be the name of two properties: Being a parent and Being a female, ple, 'Being a mother' would not count, under this view, as a genuine property; Then, why not to consider each aspect a property on its own? For exam-

number of other properties in order to be manifested. erry; on the face of it, such a property seems to require a relation to a vast run counter to our evidence too. Consider, for example, a dispositional propproperty could entertain more than one relation with another. This seems to be entirely constituted either by an intrinsic or by a relational aspect. No This proposal implies a bizarre ontology of properties: a property would

ladder of the intentional character comes in handy when we want to individulyzed in terms of conditionals. And, it is for this reason that the conceptual in most cases. It is for this reason that disposition ascriptions cannot be anaproperties to which a dispositional property is related proved to be hopeless, achieved. Dispositional properties ofter a handy illustration. Determining the To individuate a property is a hard task and, perhaps, it cannot ever be fully So, which option should we choose? I shall make a plea for the first one.

bringing about. cusing only on those aspects that the property seems to have an active role in tative character of a property; more modestly, it alleviates the inpuse, by fodoes not solve the impasse of spelling out all the aspects included in the qualiever, does not affect the identity conditions of a dispositional property; and it which the dispositional property has an intention. Talk of intentions, howtion on a small number of properties: those embedded in the situation for Invoking the intentional character is a tool to focus the task of individua-

#### 6. Conclusions

intentional character to dispositions made of them panpsychists or mei-A debate has spanned on whether Dispositional Realists' attribution of an

> tional aspects) that bring about changes in reality, but not in a permanent way. of intentions or to entities that exist in a different sense than actual entities. are modal primitives. As such, they do not compel us to the literal existence nongianists. I believe both of those allegations can be rejected. Dispositions More simply, dispositions compel us to the existence of entities (i.e., disposi-

intentions helps to alleviate the difficulties we face in individuating a disposiwith, not with the business of defining the identity of such entities. Talk  $\alpha t$ has to do with the general business of singling out the entities we are dealing tional property. However, we invoke intentions in order to individuate dispositions. This

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