ttirely to deat ariety in our be which we say those instant of follow an object to thought min by a similar act of en we compare a la the thought is hole of diversity: Incress apt to feign sans ntinue the ant of hing it calls and and

Immanuel Kant, "Permanence of Substance," from The Critique of Pure Reason

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Immanuel Kant (1724-1804), German Critical Idealist, is sometimes thought to have brought about a "Copernican Revolution" in philosophy by his claim that the human mind determines the structure of appearances. Our ant text is taken from The Critique of Pure Reason and is a reply to Hume. Our second text, taken from the same volume, shows that all our aments, including that of substance, apply only to appearances, not to the reality behind them. This veiled ultimate reality, which Kant calls the "noumena," is utterly unlike anything we can conceive of.

In all variation by appearances substance is permanent, and its quantum in nature is neither increased nor decreased.

All appearances are in time; and solely in time, as substrate (viz., as permanent form of inner intuition), can either simultaneity or succession be presented. Hence time, in which all variation by appearances is to be thought, endures and does not vary. For time is that in which, and as determinations of which, sequentiality or simultaneity can alone be presented. Now time by itself cannot be perceived. Hence the substrate which presents time as such, and in which all variation or simultaneity can in apprehension be perceived through the appearances' relation to it, must be found in the objects of perception, i.e., in the appearances. But the substrate of everything real, i.e., of everything belonging to the existence of things, is substance. In substance alone, and as determihation, can everything belonging to existence be thought. Hence the

From Immanuel Kant, The Critique of Pure Reason, translated by Werner Pluhar, forthern forthcoming, Hackett Publishing Company, Inc.

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permanent in relation to which all time relations of appearances can permanent in relation to substance [contained] in appearance, i.e., the alone be determined in substance of all variation remains alone be determined to substrate of all variation remains always real of appearance that as substrate of all variation remains always real of appearance characters, substance cannot vary in its existenreal of appearance that a substance cannot vary in its existence, in the same. Since, therefore, substance cannot vary in its existence, in quantum in nature can also be neither increased nor decreased

Our apprehension of the manifold of appearance is always successing. Our apprehension of the varying. Hence through apprehension alone and therefore is always varying. Hence through apprehension alone we can never determine whether this manifold considered as object A rometres & of experience is simultaneous or sequential. We cannot determine of experience is simulational and or experience is there always—Le wish fact th something enduring and permanent of which all variation and simultaneity are only so many ways (modes of time) in which the permanent with of ex exists. Hence all time relations (for simultaneity and succession are the only relations in time) are possible only in the permanent. Le, the or his been permanent is the substratum of the empirical presentation of time itself all time determinations are possible only in this substratum. Permanence expresses time as such as the constant correlate of all existence of appearances, of all variation and of all concomitance. For variation concerns not time itself, but only appearances in time (just as simultaneity is not a mode of time itself; for in time no parts are simultaneous, but all are sequential). If we wished to attribute to time itself a succession or sequentiality, then we would have to think yet another time wherein this succession would be possible. Solely through the permanent does sequential existence in different parts of the time series acquire a magnitude, called duration. For in mere succession by itself existence is always vanishing and starting, and never has the least magnitude. Without this permanent, therefore, there is no time relation. Now time cannot in itself be perceived. Therefore this permanent in appearances is the substratum of all time determinations. Hence it is also the condition for the possibility of all synthetic unity of perceptions, i.e., the possibility of experience; and all existence and all variation in time can only be regarded, by reference to this permanent, as a mode of the existence of what is enduring and permanent. Therefore in all appearances the permanent is the object itself, i.e., the (phenomenal) substance, whereas whatever varies or can vary belongs only to the way in which this substance or these substances exist, and hence to their determinations.

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I find that in all ages not just philosophers but even the common understanding have presupposed this permanence as a substratum of all variation of appearances; and they probably always assume it, moreover, as indubitable. The only difference is that the philosopher Juneau Kant

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abatrate of all min e, substance canno in so be neither market manifold of appeared arying. Hence dange whether this manifold cous or sequential se criying in experience as manent of which al our (modes of time) in state tions (for similarly as re possible only is the loss of the empirical process possible only in this also h as the constant correct on and of all concertant only appearances in tre's for in time no parts treat ed to attribute to time is in have to think set meles sible. Solely through them t parts of the time sense ere succession by isdeas never has the leas men re is no time relate. Ve re this permanent a proinations. Hence it is got c unity of perception in e and all variation is a permanent, acame nent. Therefore all , the (phenonradia clongs only to dea vist, and hence to the

especisses himself somewhat more determinately on this point than expresses on this point than does the common understanding, by saying that in all changes in the does the conducted and only the accidents vary. Yet nowhere do I encounter so much as an attempt to prove this quite synthetic proposiencounter and the laws of patros they proposition put, as surely it deserves int interest in the top of the laws of nature that are pure and hold completely a priori. The mere proposition that substance is permanent is indeed a prior.

Indeed mutological, For merely because of this permanence do we apply the enegory of substance to appearance, and people ought to have proved that in all appearances there is in fact something permanent wherein the mutable is nothing but a determination of its existence. Such a proof, however, can never be conducted dogmatically, i.e., from concepts, because it concerns a synthetic a priori proposition; and people never thought of the fact that such propositions are valid only in reference to possible experience and hence can be proved only by a deduction of the possibility of experience. It is no wonder, then, that although this proposition has been laid at the basis in all experience (because in empirical cognition one feels the need for it), yet it has never been proved.

A philosopher was asked, How much does smoke weigh? He replied: From the weight of the burnt wood subtract the weight of the ashes that remain, and you will have the weight of the smoke. He therefore presupposed as incontestable that matter does not pass away even in fire, but that its form only undergoes an alteration. Similarly the proposition that nothing arises from nothing was only another consequence inferred from the principle of permanence, or rather from the principle of the everlasting existence of the subject proper [contained] in appearance. For if the [component] in appearance that we wish to call substance is to be the substratum proper of all time determination, then all existence in past as well as future time must be determinable solely and exclusively by reference to it. Hence we can give the name substance to an appearance only because we presuppose the existence of substance at all time. This existence at all time is not even well expressed by the word permanence, since permanence applies more to future time. On the other hand, the intrinsic necessity to be permanent is linked inseparably with the necessity always to have been, and therefore the expression may be allowed to remain. Gigni de nihilo nihil, in nihilum hit posse reverts are two propositions that were connected by the ancients as unseparated and that are now sometimes separated. They are sepafated, through misunderstanding, because of a conception that they

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concern things in the miclyes and that the first proposition might then, concern things in the world's depending (even in terms of in min. stance) on a supreme cause. But there is no need for such worry, Fig. stance) on a supreme distance of suprementation and are in the reals we are here talking only about appearances, which are in the reals we are here talking only about appearance would never be of experience; and the unity of experience would never be possible; we were to let new things originate (in terms of substance). For there we were to let he what alone can present the unity of time, viewould then no longer be what alone can present to which alone time, view the identity of the substrutum, by reference to which alone all variation has thoroughgoing unity. On the other hand, this permanence is nothing more than our way of presenting the existence of things fin appearance).

The determinations of a substance, which are nothing but particular ways for the substance to exist, are called anidents. They are always real, because they concern the existence of substance. (Negations are only determinations expressing the nonexistence of something in whstance.) If now we attribute a special existence to this real in substance (e.g., motion, as an accident of matter), then this existence is called inherence, as distinguished from the existence of substance, which is called subsistence. From this [attribution of a differentiated existence to the real in substance], however, arise many misinterpretations; and we speak more accurately and correctly if we characterize an accident only as the way in which the existence of a substance is determined positively. Yet by virtue of the conditions of our understanding's logical use we cannot avoid separating, as it were, what can vary in a substance's existence while the substance itself endures, and examining it in relation to what is properly permanent and radical. And hence this category has indeed been put under the heading of the relations, but more as the condition of relations than as itself containing a relation.

Now this permanence is also the basis for the following correction of the concept of change. Arising and passing away are not changes of what arises or passes away. Change is a way of existing that ensues upon another way of existing of the same object. Hence whatever does change endures, and only its state varies. This variation, therefore, concerns only the determinations, which can cease or, for that maner, start. Hence we can say, using an expression that seems somewhal puradoxical: only the permanent (i.e., substance) undergoes change. the mutable undergoes no change but only a variation, since some determinations cease and others start.

Hence change can be perceived only in substances; and an arising

or passing away taken absolutely, i.e., without its pertaining merely to or passing merely to a permanent cannot at all be a possible perception. For precisely this permanent makes possible the presentation of the For presentation of the transition from one state to another, and from not-being to being; and hence these can be cognized empirically only as varying determinations of what endures. Suppose that something absolutely begins to be. If on suppose this, then you must have a point of time in which it was not. But to what will you fasten this point of time, if not to what is already there? For an empty time that would precede is not an object of perception; but if you tie this arising to things that were beforehand and that continue up to the something that arises, then this something was only a determination of what, as the permanent, was beforehand. The case is the same also with passing away; for it presupposes the empirical presentation of a time where an appearance no longer is.

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Substances ([contained] in appearance) are the substrates of all time determinations. If some substances arose and others passed away, this would itself annul the sole condition of the empirical unity of time; and appearances would then refer to two different times wherein existence sould be flowing concurrently—which is absurd. For there is only one time, wherein all different times must be posited not as simultaneous but as sequential.

Permanence, accordingly, is a necessary condition under which alone appearances are determinable as things or objects in a possible expenence.

Appearances, insofar as they are thought as objects according to the unity of the categories, are called phenomena. But if I assume things that are objects merely of the understanding and that, as such, can nonetheless be given to an intuition-even if not to sensible intuition (but hence coram intuitu intellectuali)—then such things would be called momena (intelligibilia).

Now one would think that the concept of appearances, as limited by the Transcendental Aesthetic, provides us already by itself with the objective reality of noumena and justifies the division of objects into Phenomena and noumena, and hence also the division of the world into a world of sense and a world of understanding (mundus sensibilis muelligibilis). Indeed, one would think that the concept justifies this division in such a way that the distinction here concerns not merely the logical form of the cognition of one and the same thing, viz., as

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indistinct or distinct, but concerns the difference regarding how things indistinct or distinct. On the state of the can be given to our countries one another in type. For if the series in themselves distinguished from one another in type. For if the series in themselves distinguished as if appears, then surely this something present something to us merely as if appears, then surely this something must also in itself be a thing, and an object of a nonsensible intuition. must also in reset of anderstanding. That is, a cognition must then be possible in which no sensibility is to be found, and which alone has reality that is objective absolutely—i.e., a cognition whereby objects are presented to us as they are while being cognized in our understanding empirical use only as they appear. Hence there would be, besides the empirical use of the categories (which is limited to sensible conditions) also a pure and yet objectively valid use of them; and we could no assert what we have alleged thus far, viz., that our pure cognition of understanding are nothing more at all than principles of the exposition of appearance which even a priori deal with no more than the formal possibility of experience. For a wholly different realm would here be open before us: a world, as it were, thought (perhaps even intaited) by the intellect-a world that could engage our pure understanding not less, but indeed much more nobly.

Now it is true that all our presentations are by the understanding referred to some object; and since appearances are nothing but presentations, the understanding refers them to a something as the object of sensible intuition. But this something is in so far only the transcendental object. This, however, signifies only a something = x of which we do not know—nor (by our understanding's current arrangement) can in principle ever know—anything whatsoever. Rather, this transcendental object can serve only, as a correlate of the unity of apperception, for the unity in sensible intuition's manifold by means of which the understanding unites that manifold in the concept of an object. This transcendental object cannot be separated at all from the sensible data for then there remains nothing through which it would be thought it is, therefore, not in itself an object of cognition, but is only the presentation of appearances under the concept of an object as such—a concept determinable through the manifold of these appearances.

Precisely because of this, too, the categories present no special object given to the understanding alone, but serve only to determine the transcendental object (the concept of something as such) through what is given in sensibility, in order that we can thereby cognize appearance empirically under concepts of objects.

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he pure under Sensibility anderstanding way in and to us. This of and from the describy that to as is a seel appears adout from our w goes circle, then at is semething I a st which in itse which the form of ented independen when this consider onet is not at all po a log, but signifies atte is which I abst man noumenon addenomena, it is in a sensible into uning an intuition w much an object of mental, even though warme that sens ed and were able to recitle to prove the but our thought a de quesion who by, ad abother a Maria which I re the whole is specie of

difference terrois lly and regarding another in type I pears, then sands object of a police at is, a cognition of be found, and six a cognition visual cognized in our adnce there would be is limited to sensite use of them; and a viz., that our pance than principles do al with no more fact y different realization thought (perhapson) engage our pur me-

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universition of sensibility, have added to the phenomena also noumena dist only the pure understanding can think, it rests merely on the solowing. Sensibility—and its realm, viz., that of appearances—is itself tanted by understanding so that it deals not with things in themselves but only with the way in which, by virtue of our subjective character, things appear to us. This was the result of the entire Transcendental teachetic; and from the concept of an appearance as such, too, it tills is not in itself appearance. For appearance cannot be anything by itself and apart from our way of presenting; hence, if we are not to go in a constant circle, then the word appearance already indicates a reference to something the direct presentation of which is indeed sensible, but which in itself—even without this character of our sensibility (on which the form of our intuition is based)—must be something, if, an object independent of sensibility.

Now from this consideration arises the concept of a noumenon But this concept is not at all positive and is not a determinate cognition of more thing, but signifies only the thinking of something as suchsomething in which I abstract from all form of sensible intuition. But is order that a noumenon may signify a true object, to be distinguished from all phenomena, it is not enough that I free my thought from all conditions of sensible intuition. I must, in addition, also have a basis for answing an intuition which is different from this sensible one and in which such an object could be given; for otherwise my thought is empty after all, even though not contradictory. Above, we were indeed anable to prove that sensible intuition is the only possible intuition generally, and were able to prove only that it is this for as; but we were likewise anable to prove that a different kind of intuition is also possible. had although our thought can abstract from any sensibility, yet we are eff with the question whether this thought is not then a mere form of a concept, and whether after this separation there remains an object 計劃

The object to which I refer appearance as such is the transcendental ubject, i.e., the wholly indeterminate concept of something as such. This object cannot be called the noumeron. For I do not know concerning it what it is in itself, and have no concept of it except merely the soncept of the object of a sensible intuition as such—an object which hence is the same for all appearances. I cannot think it through any surgories; for a category holds only for empirical intuition in order to hing it under a concept of an object as such. Although a pure use of

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a category is logically possible, i.e., is without contradiction, it has no objective validity whatever, because the category does not then apply to any intuition that would thereby acquire the unity of an object. For a category is, after all, a mere function of thought; through it I am not given any object, but only think what may be given in intuition,