# The Elimination of Metaphysics

Through Logical Analysis

of Language

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(TRANSLATED BY ARTHUR PAP)

#### 1. Introduction

of their lives! entirely to the practical tasks which confront active men every day any rate unnecessary to worry about them; let us devote ourselves tions is sterile. Whether or not these questions can be answered, it is at metaphysicians have declared that occupation with metaphysical quesproblems transcend the limits of human knowledge. Many antiedge. Others have believed it to be uncertain, on the ground that its trine of metaphysics is false, since it contradicts our empirical knowldiverse kinds have been set forth. Many have declared that the docskeptics to the empiricists of the 19th century. Criticisms of very THERE HAVE BEEN many opponents of metaphysics from the Greek

branches of science are clarified; their formal-logical and epistemodomain of empirical science; the various concepts of the various and to a negative result. The positive result is worked out in the in the statements, by means of logical analysis, lead to a positive entific statements and thereby the meanings of the terms that occur of knowledge, which aim at clarifying the cognitive content of scification of metaphysics. The researches of applied logic or the theory new and sharper answer to the question of the validity and justilogical connections are made explicit. In the domain of metaphysics, The development of modern logic has made it possible to give a

This article, originally entitled "Überwindung der Metaphysik durch Logische Analyse der Sprache," appeared in *Erkenntnis*, Vol. II (1932). It is published here with the kind permission of Professor Carnap.

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during recent decades provides us with a sufficiently sharp tool that nominalistic kind; but it is only now when the development of logic antimetaphysical standpoints. It is true that related ideas may be metaphysics is attained, which was not yet possible from the earlier domain are entirely meaningless. Therewith a radical elimination of analysis yields the negative result that the alleged statements in this including all philosophy of value and normative theory, logical the decisive step can be taken. found already in several earlier trains of thought, e.g. those of a

statements of metaphysics to be pseudo-statements. statement. Our thesis, now, is that logical analysis reveals the alleged looks like a statement at first glance; in that case we call it a pseudoconstitute a statement. It may happen that such a sequence of words of words is meaningless if it does not, within a specified language, ful and sterile, true and false. In the strict sense, however, a sequence really meaningful, though they are pointless or false; for it is only and B are each a year older than the other." Such sentences are but logically false, a contradictory statement such as "persons A 6 inhabitants" or about a statement which is not just empirically, a statement which is quite obviously false like "in 1910 Vienna had tants of Vienna whose telephone number ends with '3'?" or about stance about the question "what is the average weight of those inhabiif it is entirely sterile to assert or ask it. We might say this for inof the word a statement or a question is at times called meaningless meaningful sentences that are even divisible into (theoretically) fruitingless, we intend this word in its strictest sense. In a loose sense In saying that the so-called statements of metaphysics are mean-

entirety consists of such pseudo-statements into the reasons that support our contention that metaphysics in its of both kinds occur in metaphysics. Later we shall have to inquire statement. We shall show in terms of examples that pseudo-statements in a counter-syntactical way, so that they do not yield a meaningful meaning, or the constituent words are meaningful, yet are put together either they contain a word which is erroneously believed to have of words. Accordingly, there are two kinds of pseudo-statements: rules indicate how sentences may be formed out of the various sorts words which have meanings and rules of sentence formation. These A language consists of a vocabulary and a syntax, i.e. a set of

### THE SIGNIFICANCE OF A WORD

usually also said to designate a concept; if it only seems to have a A word which (within a definite language) has a meaning, is

guage contain meaningless words? To be sure, originally every word every word been introduced into the language for no other purpose sense without acquiring a new one. It is thus that a pseudo-concept from the very beginning of its use? How, then, can a traditional lanmeaning while it really does not, we speak of a "pseudo-concept." How is the origin of a pseudo-concept to be explained? Has not In the course of historical development a word frequently changes (excepting rare cases which we shall illustrate later) had a meaning. than to express something or other, so that it had a definite meaning its meaning. And it also happens at times that a word loses its old

What, now, is the meaning of a word? What stipulations concerning a word must be made in order for it to be significant? (It explicitly laid down, as in the case of some words and symbols of does not matter for our investigation whether these stipulations are this sentence form its elementary sentence. The elementary sentence simplest sentence form in which it is capable of occurring; we call of the word must be fixed, i.e. the mode of its occurrence in the is the case for most words of traditional language.) First, the syntax modern science, or whether they have been tacitly agreed upon, as to the following question, which can be formulated in various ways: elementary sentence S containing the word an answer must be given place of "x," e.g. "this diamond," "this apple." Secondly, for an form some designation from the category of things occupies the form for the word "stone" e.g. is "x is a stone"; in sentences of this

- are deducible from S? (1.) What sentences is S deducible from, and what sentences
- what conditions false? (2.) Under what conditions is S supposed to be true, and under
- (3.) How is S to be verified?
- (4.) What is the meaning of S?
- i.e. relations of deducibility.) genstein has asserted that (2) expresses what philosophers mean by knowledge, (4) with that of philosophy (phenomenology). Wittthe phraseology of logic, (3) with the phraseology of the theory of tailed exposition of metalogic as the theory of syntax and meaning, the "metalogical" formulation; it is planned to give elsewhere a de-(4): the meaning of a sentence consists in its truth-condition. ((1) is (1) is the correct formulation; formulation (2) accords with

meaning by reduction to other words ("constitution," definition). whelming majority of scientific words, it is possible to specify their In the case of many words, specifically in the case of the over-

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acquires its meaning. every word of the language is reduced to other words and finally to pode" the meaning of the word "arthropode" is fixed. In this way fication, about the meaning) of the elementary sentence about "arthro-"x is an animal," "x has a segmented body," "x has jointed legs," and that conversely each of these sentences is deducible from the "the thing x is an arthropode," is answered: it has been stipulated that a sentence of this form is deducible from premises of the form legs." Thereby the above-mentioned question for the elementary sentence form of the word "arthropode," that is for the sentence form "protocol sentences." It is through this reduction that the word the words which occur in the so-called "observation sentences" or E.g. "'arthropodes' are animals with segmented bodies and jointed (in other words: about the truth-condition, about the method of veriformer sentence. By means of these stipulations about deducibility

sentences in which it may occur are reducible to protocol sentences. tences may be; and similarly, that a word is significant only if the tences are fixed, whatever the characteristics of the protocol sena meaning only if its relations of deducibility to the protocol senof this diversity of opinion it is certain that a sequence of words has view has it that even the basic sentences speak of things. Regardless total experiences and similarities between them; a still different and so forth); others incline to the view that basic sentences refer to simplest qualities of sense and feeling (e.g. "warm," "blue," "joy" which has not yet been definitely settled. In the theory of knowledge times the position is taken that sentences about the given speak of the but there is no unanimity on the question what it is that is given. At it is customary to say that the primary sentences refer to "the given"; the content and form of the primary sentences (protocol sentences) For our purposes we may ignore entirely the question concerning

away one's freedom to decide what one wishes to "mean" by the make the meaning explicit. plicitly contained in the criterion; all that remains to be done is to other hand, give more than the criterion of application, for the the criterion of application must be given; but one cannot, on the word. If the word is to receive an exact meaning, nothing less than the method of its verification), the stipulation of the criterion takes into by its elementary sentence-form, by its truth-conditions, by application (in other words: by the relations of deducibility entered latter is a sufficient determination of meaning. The meaning is im-Since the meaning of a word is determined by its criterion of

Let us suppose, by way of illustration, that someone invented

Some pages skipped.

mulated in that very language itself. which speaks about the sentences of a given language can be torbe discussed elsewhere. It will also be shown there that the metalogic a place in such and such a book is meaningless"). Metalogic will to descriptive metalogic (e.g. "the word sequence at such and such of the existence-symbol and a noun, is not a sentence"), in part ments belong in part to pure metalogic (e.g. "a sequence consisting

#### 7. METAPHYSICS AS EXPRESSION OF AN ATTITUDE TOWARD LIFE

does indeed have a content; only it is not theoretical content. The errors, but nothing at all? These doubts are justified since metaphysics count for the fact that metaphysical books have exerted such a strong eral attitude of a person towards life ("Lebenseinstellung, Lebensat least false statements). They serve for the expression of the gentrue statements) nor non-existing ones (in that case they would be of states of affairs, neither existing ones (in that case they would be influence on readers up to the present day, if they contained not even but mere words, nonsensically juxtaposed? And how could one acveritable fervor, on metaphysics if the latter consisted of nothing nations, among them eminent minds, spent so much energy, nay ness: how could it be explained that so many men in all ages and agree intellectually with our results with a painful feeling of strangeingless, that they do not assert anything, will leave even those who (pseudo)statements of metaphysics do not serve for the description Our claim that the statements of metaphysics are entirely mean-

earthquakes, or he worships the deity of the fertile rains in gratitude. ology on life in a deliberate way; on the other hand, it is handed down hand to poetry, which produces and intensifies the effects of mythenvironment. The heritage of mythology is bequeathed on the one ology. The child is angry at the "wicked table" which hurt him. ogy are here replaced by natural, yet supposedly trans-empirical substitute for theology on the level of systematic, conceptual thinkis the historical role of metaphysics? Perhaps we may regard it as a to theology, which develops mythology into a system. Which, now, Here we confront personifications of natural phenomena, which are Primitive man endeavors to conciliate the threatening demon of ing. The (supposedly) transcendent sources of knowledge of theolthe quasi-poetic expression of man's emotional relationship to his Perhaps we may assume that metaphysics originated from myth-

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cumbing to self-delusion. But the metaphysician supports his statedeluding himself cannot be inferred from the fact that he selects expressed something, like an artist. That the metaphysician is thus at stake. In reality, however, he has not asserted anything, but only himself who suffers from the illusion that the metaphysical stateof theoretical content is generated, whereas, as we have seen, there and conclusions, that is, the form of a theory. In this way the fiction of a system of statements which are apparently related as premises adequate, metaphysics an inadequate means for the expression of the anschauung") is often used; we prefer to avoid it because of its cinct and penetrating way. If they have artistic talent they are able create over and above these manifestations a special expression of on the character of his gait. Many people, now, feel a desire to or says. It also impresses itself on his facial features, perhaps even manifests itself, unconsciously as a rule, in everything a man does devotes himself, to the misfortunes that befall him. This attitude reaction to the environment, to society, to the tasks to which he of mythology is here still recognizable behind the repeatedly varied sources of knowledge. On closer inspection the same content as that refute their assertions in his treatise. Lyrical poets, on the other hand, against metaphysicians of divergent persuasion by attempting to ments by arguments, he claims assent to their content, he polemicizes the form of expression; for lyrical poets do the same without suclanguage as the medium of expression and declarative sentences as believes that he travels in territory in which truth and falsehood are ments say something, describe states of affairs. The metaphysician is no such content. It is not only the reader, but the metaphysician tends to be something that it is not. The form in question is that physics we find this situation: through the form of its works it preusing any means of expression one likes. But in the case of metabasic attitude. Of course, there need be no intrinsic objection to one's is here essential for our considerations is only the fact that art is an a difference which is of decisive importance for our analysis.] What ambiguity, which blurs the difference between attitude and theory, and his students). [In this connection the term "world view" ("Weltfested through the style and manner of a work of art (e.g. Dilthey to express themselves by producing a work of art. Many writers their attitude, through which it might become visible in a more sucexpression to a man's attitude in life, his emotional and volitional dressing: we find that metaphysics also arises from the need to give do not try to refute in their poem the statements in a poem by some have already clarified the way in which the basic attitude is mani-

not in the domain of theory. other lyrical poet; for they know they are in the domain of art and

need for expression in art, the metaphysician confuses the two and tion in the domain of science, and satisfying, on the other hand, the thoughts. Now, instead of activating, on the one hand, this inclinawithin the medium of the theoretical, to connect concepts and out musical ability. Instead they have a strong inclination to work attitude in an adequate medium? Metaphysicians are musicians withperhaps because he lacks the ability of a Beethoven to express this his dualistic-heroic attitude towards life in a dualistic system, is it not of Mozart. And when a metaphysician gives verbal expression to press in a monistic system, is more clearly expressed in the music harmonious feeling or attitude, which the metaphysician tries to exattitude because it is entirely free from any reference to objects. The produces a structure which achieves nothing for knowledge and something inadequate for the expression of attitude. Perhaps music is the purest means of expression of the basic

express through metaphysics or ethics, in Thus Spake Zarathustra, degree, viz. Nietzsche, almost entirely avoided the error of that conwork, however, in which he expresses most strongly that which others phenomena, or an historical-psychological analysis of morals. In the tent. We find there, for instance, historical analyses of specific artistic fusion. A large part of his work has predominantly empirical conthe metaphysician who perhaps had artistic talent to the highest quate one, for art, seems to be further confirmed by the fact that he does not choose the misleading theoretical form, but openly the form of art, of poetry. Our conjecture that metaphysics is a substitute, albeit an inade-

# REMARKS BY THE AUTHOR (1957)

science. Metaphysics in this sense includes systems like those of Fichte, Schelling, Hegel, Bergson, Heidegger. But it does not include endeavors usually in Europe, for the field of alleged knowledge of the essence of things which transcends the realm of empirically founded, inductive towards a synthesis and generalization of the results of the various To section I, "metaphysics." This term is used in this paper, as

e.g. emotive and motivative, on the other. In the present paper, the word meaning, in particular cognitive (designative, referential) meaning on the one hand, and non-cognitive (expressive) meaning components To section I, "meaning." Today we distinguish various kinds of

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meaning is thereby not denied; this is explicitly stated in Section 7. "meaning" is always understood in the sense of "cognitive meaning." tive content. The obvious psychological fact that they have expressive be understood in the sense that they have no cognitive meaning, no asser-The thesis that the sentences of metaphysics are meaningless, is thus to

conditions. we would distinguish between logical syntax as the theory of purely sions of a language and, in particular, of their logical relations. Today formal relations and semantics as the theory of meaning and truth-To section 6, "metalogic." This term refers to the theory of expres-

statements, I have tried to show in the monograph Scheinprobleme negative theses concerning the reality of the external world are pseudotion, Chicago, 1956. unreality of abstract entities, e.g., properties, relations, propositions, is discussed in "Empiricism, Semantics, and Ontology," Revue Intern. de Philos. 4, 1950, 20-40, reprinted in: Meaning and Necessity, second edi-1928. The similar nature of the ontological theses about the reality or unreality of abstract entities, e.g., properties, relations, propositions, is der Philosophie: Das Fremdpsychische und der Realismusstreit, Berlin, To section 6, realism and idealism. That both the affirmative and the