

Gustav Bergmann  
(dates unknown)

## Supplement to old introduction

### A better organization of the collapse of my world

contrasting then-and now. Then, when the foil collapsed, now, after reconstruction.

1. I then believed, as I still believe that cardinal numbers must be given ontological status and that the proper way to do ~~ix~~ that is the one which, improving on Frege's design by introducing his types, is to assay them as classes of classes. ~~xxxxxxofxxxxxx~~  
~~xxxxxxassayed~~  
~~xxxxxxhaveontologicalstatusxx~~

2. I then believed, as I still believe now, what ~~ix~~ obvious, should be that for this program to be realizable classes must be so assayed that they have ontological status.

3. I then believed, as I still believe that there are entities which I called in the foil derived characters, ~~ixxx~~ such as e.g., the property of being both green and square, which are of the same type as universals. ~~xxxxandxsquare,fixx~~, being-green-and square, e.g., being of the first nonrelational type and in this respect like the universals green and square which in some sense are in them, though surely not, as already clearly brought out in the foil in the same sense in which green is in "a is green." Thus, even though falling in the type hierarchy and in this sense "properties" certainly a realm of their own. as shown by the ontological hypothesis which I called the Principle of Exemplification, does not apply to them. E.g., for winged horse to have this ~~xxxxxxstatusxx~~ "weak" status, it is not required, (as by that hypothesis for the ~~xxxxuniversalxxxx~~ nonderived (simple) universal) that there be one, (that, as one says, it be exemplified. I then and now believe that, though I can now improve the dialectical argument

the dialectical argument for this belief by basing it upon what

I ~~shall~~<sup>a</sup> consider ~~two~~ fundamental principles of ontology. ~~then~~<sup>another</sup>

~~xxxxxxx~~ ~~the~~ ~~improvements~~ ~~of~~ ~~the~~ ~~reconstruction~~ that

4a. I then believed that classes are a very special kind of derived characters "built from", in a sense I shall not now specify, ~~unit classes~~ so-called unit classes.

4b. I now no longer believe that classes are of the same type as universals, either derived or underived, but entities entirely sui generis; ~~though~~ although a certain analogy exists in three respects.

(a) They are, in the same as yet unspecified sense of 'built from unit classes'. (b) They fall into a type hierarchy of their own, and (c) there are certain important correspondences between the two hierarchies, of types and classes, respectively.

I always also knew that there were worries about some inadequacies, or gaps, or difficulties, ~~which~~ which R., ~~eliminated~~ bent as he was on "somehow founding mathematics" ~~which~~ "overcame" by certain "axioms" . (I say "somehow found" because the ontological adequacy ~~and~~ or even import seemed always questionable to me, if only because of ~~the~~ the nominalism which is implicit in the first and all but explicit (as I shall show) in the second PM, and because his unfortunate tendency of confusing words and things, e.g., the property green with ~~the~~<sup>a</sup> word that may or may not stand for it. )

I also had my troubles with these "axioms" ~~which~~ ~~three~~ ~~explain~~ ~~the~~ ~~perhaps~~ Perhaps it will help if I mention them all three, even



substantive.  
say something about only one.

A. Infinity. The two ~~properties~~ worries: truth, propriety,  
see ~~these~~ these notes.

while I shall

B. Reducibility I shall not even explain now what that is, there  
was something peculiar. see ~~these~~ these notes.

C. The axiom of choice ~~seems~~ always seemed to me the opposite  
of Infinity, in being an ontological truism. I shall indeed later  
state as an ontological truism, ~~the existence of things, the denial~~  
of a stronger proposition, stronger in the sense that once classes  
are grounded, the axiom of choice follows from it but not conversely.  
~~Thus~~ yet the mathematicians needed it for the proof of well-order,  
a central notion from which I shall start (I do start, in a specifiable  
sense, in which R. starts from cardinality, from ordinality.) Zermelo's  
proof.

D. I ~~knew that Russell~~ have felt dimly for a long time, but have  
convinced my self now that R's did not really solve both of the  
two root paradoxes (perhaps that should be first point when dis-  
cussing Russell's contribution..... explanation of the Cantor paradox,  
statement of V.C. .... explaining well-order.... Burali-Forti  
*so then not* paradox..... Russell's answer was inadequate. I knew all that.

~~Yet~~ Yet, as firmly bent on other issues as ~~Russell~~  
Russell was on somehow founding mathematics, ~~and most import~~  
I ~~thought~~ that the blemishes (if I may so call them) could be re-  
moved) so that the Russell-approach .... ~~type~~ unramified type theory  
cardinals  
, with ~~ordinal~~ classes of classes and cardinals ~~class~~

*regimen errors*



ordin als classes of similar relations (check.. relation numbers)  
~~would~~. Or, briefly, I left well enough alone, trusting that ~~the~~ a  
 that  
 solution lay in the direction of ~~the~~ R. would eventually emerge,  
 predisposed to this belief  
 IN THIS I WAS POWERFULLY SUPPORTED BY MY ONTOLOGICAL PREOCCUPATION,  
 WHICH GRIPPED ME AS FIRMLY AS HE WAS GRIPPED BY HIS SOMEHOW FOUNDING  
 AND WITHIN THIS PREOCCUPATION  
 PREOCCUPATION, ~~XXXXXXXX~~ MY ANTINOMINALISTIC CONVICTION WHICH REQUIRED  
 A TYPE DIVISION OF UNIVERSALS..... irrespective of Russell's own  
 implicit and in the second edition virtually explicit, see these  
 notes.

Question that arose when my world collapsed: whether or not  
~~data~~  
~~data~~ is in principle adequate, is it not in fact? That is a  
~~question about our world which~~  
 question about our world which, like infinity axiom, raises  
 another, whether or not it is the case (it raises a question  
 of propriety. Isn't, if only relatively speaking, the feature  
 so contingent that it would not be ontologically appropriate to  
 ground arithmetic on it. The ~~xxx~~ negative answer to the second  
 question seems to me as obvious as in case of infinity; though I  
 shall in this Introduction say no more about the first, even  
 though there will a good deal about it later chapters.

I knew very well, long before my world had collapsed, that  
 the mathematical logicians were ~~worrying~~ not only worrying about  
 the flaws, and irritated about ~~xxxx~~ what they considered inelegancies,  
 that would remain even if the flaws could be eliminated, but that  
~~they also tried to~~, as is there way, they also tried to do something



~~This~~ they developed what is known as axiomatic set theory. Not preoccupied as I was with the ontological issue, uninterested in mathematics as such, I did not follow their work at all as soon as I had convinced myself, to my own satisfaction that, for all ~~its excellent and profound~~ profundity of some of it (the most distinguished practioners, ~~xxx~~ in chronological order, probably Zermelo, von Neuman, Bernays, and Goedel (with his 1940 paper)... as mathematics, it was philosophically irrelevant. Yet, when my world collapsed, I did the obvious thing and turned once more to it, with a ~~double xxx result~~ triple result.

First, I confirmed my conviction of its philosophical irrelevance.

Second, I did, if only indirectly and tangentially, find myself and, in one respect of which more presently, encouraged stimulated by whatever I could understand of it (the books I found most helpful: Fraenkel, Bernays, and, really not quite so elementary, even though ~~it is xxx called~~ he calls it though

Third . I saw that while I still was not at all interested in their (mathematical subtleties and the connection between their math. and my ontological ones was only indirect, ~~it~~ I could yet ~~xxx~~ do no less than establish and make clear ~~what xxx~~ whatever structural ~~connections xxx there may~~ similarities and connwctions there may be. And we shall see that, at least from an ontologist's view point, (I cannot speak from a mathmeaticians, there are some. So I shall make a point of bringing them out in the second ~~part of~~ half of the book.



ggests  
first

1 first

COLLECTION PRINCIPLE,

first stated clearly in REALISM.

Restate it carefully. Add that it will have to be "qualified," but that the qualification is more apparent than real, (order) and natural in view of a new category of entities of which more presently.

Then explain the encouragement by what, nontechnically speaking  
is von N. basic idea. He distinguished between sets and ~~collections~~  
~~classes.~~ I between ~~collection~~ classes and collections. Ontologically, if  
I may so express myself, his is ~~half-way house~~  
elements..... do not exist.... ~~this motivation~~ brings out the different  
motivation.....~~his inspiration~~, early comes from the paradoxes:  
since they cannot be members of anything, cannot be members of  
themselves. My ~~in~~ stubbornness is the One-Many issue in a con-

temporary version, my incapacity how the n as such make a n=1st.  
bring in or merely mention? Perhaps there is better place later?  
Then ~~bring in~~ Bernays, who comes in naturally ~~he~~ here; he too

makes the distinction, though for a different and as he seems to think merely expository purpose ... Yes, that is better later, after explained what they do..... ~~what the~~ ... showing that

Bernays for convenience-sake use raises the one-or two and the <sup>one of</sup> two

слово гасити.



I shall <sup>sup. 6</sup> second describe what they are doing

Describe axiomatics.... gently... elementary.....  
with thenonformalized reasoning.... interpretation  
~~xixxx~~ issue..... in the most clear cut versions.  
one basic undefined character.... epsilon.....  
~~xxxx~~ best stated formalizing the reasoning.....  
all individuals sets..... ~~basicxxxxcharacterxxx~~.single  
basic character (fn. about ~~xxxxxxx~~ LFC with ~~of~~  
without equality..... those show more sense who  
like Bernays, identify equality with sameness, thus  
leave it to the ~~metacalculus~~ formalized reasoning..

I repeat: formalizing the reasoning is helpful by permitting both  
to state the nature of what they are doing and providing cue for  
two questions.

Bernays does it.....also enough sense to introduce same  
into logic.....

Makes clear why I am unhappy. what is the interpretation. What  
are these entities? what is membership relation. If a collection  
is nothing how can something being a member of it be anything?  
(You see the ~~halfwayhousexxxx~~ source of the half-way house  
met aphor of von N.

BERNAYS WAY RAISES TWO OTHER QUESTIONS THAT WILL OCCUPY US...  
Closurequestion and One-two question.

Richard and other  
manuscripts 2

INTRODUCTION : STRUCTURAL HINT

Within the transition to , or near ~~beginning~~ beginning of, part 3, or, equally plausibly, at end of part 2, when talking about the "minor" flaws of PM, introduce the dichotomy

FINITE - INFINITE ~~xxx~~

as follows. But first for a comment about

THE "MINOR" AND THE "MAJOR" FLAWS OF PM.

I presume no evaluation. Nor does it now make ~~sense~~ sense to score against him, except in the context of a historical analysis more rigorous than I am either capable or willing.

It is thus to be taken "biographically", ~~when I said~~ as I hope has come out clearly, what was for me the "major" flaw, i.e., what shook me when I turned to the task, i.e., the collapse of delta with R.-L.-identity and, thereby, the question, what is a class; for until then, since I had convinced myself ~~myself~~ that, as I still believe, though I ~~now~~ see now the need of improving and hope that I shall improve the argument, ~~for~~ the ~~existence~~ existence of what in the foil is called a derived character, classes, or at least finite classes, ~~xxxx~~ ~~being~~ ~~either~~ ~~xxxx~~ ~~xxxx~~ ~~xxxx~~ say, being ~~either~~ identical with either a or b, have ontological status as a very special kind of derived character.

~~But~~ I knew that there were problems, of course, but. ~~I took~~ even though I saw that the logicians approach did not solve them to the ontologist's satisfaction, I took it on faith that they could somehow be solved, in ~~xxxx~~ ~~xxxx~~ ~~xxxx~~ ~~xxxx~~ a manner that would ~~gave~~ guard the on. status of classes and thereby of numbers.... nor did I find it hard pushing these problems aside, ~~neix~~ since I was neither by taste nor by aptitude attracted to them, so as long as the unit class had not collapsed for me, I left well enough alone and "took it on faith " But when the unit class collapsed, my world collapsed, as it were, I knew that radical rethinking was necessary, ~~that~~

~~since~~ ~~the~~ ~~mathematics~~ ~~could~~ ~~not~~ ~~be~~ ~~done~~ ~~xxxx~~ ~~there~~ ~~were~~ ~~inadequacies~~ ~~xxxx~~ ~~which~~ ~~were~~ ~~fundamental~~

(a) fine  
(b) appropriate analysis  
- difficult - non-  
- way to circumvent  
- it's done

shows finite - infinite  
limitation to finite. But an OR's inf



in connection with  $\delta^2$  (new entities) he'd have rejected reconstruction  
spirit and sense of non worked dialectic of (A17) and "one" even  
not merely because my ontology of arith had collapsed, but because I was convinced  
that its collapse was but a symptoms of inadequacies which affected the whole con-  
struction. A: limits  
of  
ontology

In this conviction, if I am now more nearly right or at least, less radically wrong,  
I have been confirmed by the success, such as it may or may not be, of the recon-  
struction. Because it ~~adds to the ontology~~ is radical indeed in two ways

(1) It ~~limits ontology~~ <sup>A</sup> has reached ~~the limits of ontology~~ and insists on  
what one may call, dramatically, the limits of ontology. Less dramatically, a fact as  
simple as this ~~being~~ (tone) being louder than that has in addition to two "constituents"  
which are ~~existents~~ "existents" also other "ingredients", namely a basic  
"action" and ~~an order~~ order (a is louder than b, than not b than a.) Thus if  
ontology is a way of assay all the worlds entities, including of course its facts, ~~among~~  
as "constituted" of other entities, since these ingredients are not, entities, what  
is meant by "limits, is clear. k

(2) still radically, but less so than (1) new entities have been added. New  
kinds so ~~radix~~ general that categories. the cue is dwlta..... internal relations....  
unternal properties.... I have had before but neglected.....

A LL THIS IS BY THE WAY. I MERELY WANT TO EXPLAIN WHY I CALL ONE OF THE  
PM INADEQUACIES MAJOR (The explanation is biographical, yet I hope, as it should,  
useful in finding a way through the mace of and to the heart of my involved argument.)

One of the MINOR WHICH WILL PROVIDE A CUE: INFINITY AXIOM

BR saw that in order to ground arithmetic (and particularly the whole rich structure  
of classical mathematics which unlike the so-called intuitionists and later, following  
them, W., he was obviously not ~~to~~ prepared to abandon, he had to postulate that (say,  
if only to be specific, without distorting anything ~~essential~~ which is at  
this point essential) the number of particulars in the world (or, as he would have  
said individuals) is ~~if it is~~ infinite.

Be worried about that. In two ways, both justified. First, is the "postulate" true  
Second, is that the sort of thing on which, even if true, the ~~new~~ ontology of arith.



See what can be done in the morning

- ① paradoxes
- ② unity theory - base

ought to be made to depend?

{ This worry is philosophical, of course. The math-log, the axiomatic set theorists all at some point make this postulation, without worrying about it, nor need they worry about it, considering what they are about.

This, though, shows what they are about is of little, if any help to the ontologist, but something radically different.

apt comment: it might be clear that this point made to bring in axioms set theory.

Russell, though he worried about it, which ~~shows that~~ does honor to the philosopher in him, was yet so bent on "founding" mathematics that, however uneasily, he accepted the postulate. Or, at least, he did nothing about it.

This is characteristic of what he did also with ~~the notion of infinity~~ at least

in the sense above) which I here

this or some other place in the I

all this comes out in contrast bet

1. Another Postulate. Reducible

for two reasons, one of principle

speaking, technical. The first is

of the ~~vision~~ V.C. P., in which

~~which he thought was the common~~

after a fashion, as will come out

repeat only after a fashion, and

the notion  
infinite fact  
as I shall introduce it  
makes recapitulation  
indispensable on grounds  
even more fundamental  
(fundamental as in the) than  
BR's - outside of classes  
Levi's importance of {classes, univ - type}

the math, worried so much. The technical ground was that he could not without it produce a viable "definition" of R.L. identity.

Yet, in the second edition, he gave up the axiom and with it the safeguard against violation ~~by the~~ of principle, which he first thought and which now again think, status, not, to be sure, lies so deep that it deserve the ~~name~~ of a postulate in the mathematicians sense, but of an ontological hypothesis (what I mean by that will be explained).

~~He did this because he was wrongly reassured by a comment of Ramsey's~~ This, I gather, he did, at least in part, because he was wrongly reassured by a comment of Ramsey's which, if I am right, eliminates the worry only in the case of classes but not of properties. But, then, in this he

\* may be mentioned in new intro or may not, but a simple and



but something radically different.

Sept commenced what might be called a new  
 & 11th poem made to long in 18th.

Russell, though he worried about it, which ~~shows that~~ does honor to the philosopher in him, was yet so bent on "founding" mathematics that, however uneasily, he accepted the postulate. Or, at least, he did nothing about it.

at least

This is characteristic of what he did also with respect to other "minor" flaws ("minor" in the sense above) which I here mention (for ~~max~~ consideration for inclusion at this or some other place in the Introd, because they will be dealt with later.

all this comes out in contrast between two editions (introductions

1. Another Postulate. Reducibility. ~~Postulated~~ Postulated ~~max~~ it

for two reasons, one of principle, or even philosophical; the other., relatively speaking, technical. The first is because he needed it guard against violation of the visieux V.C. P., in which he thought he had identified the common root which he thought was the common ground of all the paradoxes ( this after in this,

after a fashion, as will come out, if I am right, he had the right flair, though, I repeat

only after a fashion, and very broadly), ~~which~~ about which both he and

the math, worried so much. The technical ground was that he could not without it produce a viable "definition" of R.L identity.

Yet, in the second edition, he gave up the axiom and with it the safeguard against violation ~~byxxxx~~ of principle, which he first thought and which now again think, status, not, to be sure,

sense, but of an ontological hypothesis (what I mean by that will be explained).

~~He did not say this. This, I gather, he did, at least in part, because he was  
 not at all sure that he was wrong. He was sure that he was wrong.~~

worry only in the case of classes but not of properties. But, then, in this he

\* may be mentioned in new letter

big  
bells  
capp  
p  
chaff  
cut in  
on the  
opposite  
side  
and  
long -  
port to  
now.

1/11/20



ought to be made to depend?

This worry is philosophical, of the axiomatic set theorists all at some point make this postulate worrying about it, nor need they worry about it, considering what This, though, shows what they are about is of little, if any help but something radically different.

Russell, though he worried about it, which ~~shows that~~ does honor to him, was yet so bent on "founding" mathematics that, however uneasy the postulate. Or, at least, he did nothing about it.

This is characteristic of what he did also with respect to other "mir in the sense above) which I here mention (for ~~max~~ consideration for this or some other place in the Introd, because they will be dealt with all this comes out in contrast between two editions (introductions 1. Another Postulate. Reducibility. ~~Postulated it, it was a~~ Postul for two reasons, one of principle, or even philosophical; the other., r speaking, technical. The first is because ~~he needed it~~ guard against v of the ~~vision~~ V.C. P., in which he thought he had identified the common ~~which he thought was the common ground of all the~~ paradoxes ( ~~this after~~ after a fashion, as will come out, if I am right, he had the right flair, repeat ~~Repeat~~ only after a fashion, and very broadly), ~~which~~ about which both the math, worried so much. The technical ground was that he could not w produce a viable "definition" of R.L identity.

Yet, in the second edition, he gave up the axiom and with it the safeguard violation ~~by the~~ of principle, which he first thought and which now again lies so deep that it deserve the status, not, to be sure, sense, but of an ontological hypothesis (what I mean by that will be explain ~~Max did this because he was wrongly assured by a comment~~ This, I gather, he did, at least in part, because he ~~Max did this because he was wrongly assured by a comment~~ wrongly reassured by a comment of Ramsey's which, if I am right, eliminates the worry only in the case of classes but not of properties. But, then, in this he

\* may be mentioned in new or may not, but certainly a principle in III and then IV

li  
belle  
top  
m  
ch  
cut  
not  
spirit  
with  
adju  
at  
that  
too.



*That is done better in  
new introd. will insert 4.  
to finish (after infinity he has maintained and used to uphold his point)*  
was at least consistent since, under pressures to which I will turn in a moment, he  
Add quotation from Introd. 2!!!  
had by then given up the distinction between properties and classes. INCL. ~~From where xxx~~

~~stand~~ My thought has developed in the opposite direction. ~~That~~ I always have  
~~distinguished between properties~~, and certainly have in the foil, distinguished ~~from~~  
between simple properties and those I called (and still call) derived in general ,  
on the other, ones, namely, disjunctions, either  
on the one hand, and those very special derived ~~ones~~ (disjunctions of finite or infinite  
ones, that was the point I ~~did not~~ deliberately did not worry) ~~def~~ R.L type unit classes  
By now however I believe that classes, say the class of all green ~~think~~ things,

Incl. Nor was he just consistent, he was right in that, as I shall  
show that, in view of what certain logicians would call my Platonism,  
not only with respect to properties but also with respect to classes,  
which makes Ramsey's comment eliminate the worry.

on the one hand, and the property green, though both existents, are not only two but  
not even of the same type!

Similarly with respect to another "minor" flaw. In the first edition, ~~he~~ ~~define~~  
introducing classes as what he calls one kind of incomplete symbol, (FN about the other  
kind; def. descriptions, which indeed do not refer, even if successful, to any existent  
in addition to the one they describe, if the condition is fulfilled. (and... while, with  
a characteristic difference no such condition is required in the case of classes) he  
claims on this ground that classes do not exist. ~~That in the second edition~~ ~~From where~~  
That calls for two comments.

1. By the second edition, where the difference between classes and properties is ~~denied~~  
~~this is put in the introduction~~  
denied, that ~~makes the~~ nominalism (there are only individuals) ~~quite explicit~~ ~~as near~~  
the obvious  
explicit, even if he himself does not draw ~~this last obvious~~ conclusion from these two  
premisses, i.e., that classes do not exist, and that there is not even a shadowy diff.



2. Classes are arbitrary. Explain. Yet the way classes are introduced as incomplete symbols they require that there be a property shared by all the individuals which are, as one says its extension. ~~xxxxxx of xxx possible defense against this~~  
 There seems to be a prima facie plausible defense against this criticism. Of it, ~~presently~~.  
 or, rather of what it implies, without there being any indication that R. would have  
 been prepared to accept the implication, presently.

GENERAL COMMENT: THIS ARBITRARYNESS BUSINESS IS ITSELF SO MAJOR

A FLAW, THAT IT IS AT LEAST A PART OF THE "ONE" MAJOR FLAW. CON  
 sider that in the total exposition.

Be that as it may, by the second edition he had realized that his

device of introducing classes as incomplete symbols does not work, i.e.,  
 did not yield him smoothly the classes of classes, and so on, without which he  
 could not ~~gr~~"found" ~~mathematics~~ arithmetic in a way that resolved at least the Cantor paradox.

FN. NOTICE I SAY AT LEAST THE CANTOR PARADOX: FOR THE BURALI FORTY PARADOX  
 HE HAS AS FAR AS I KNOW NEVER RESOLVED, OR, RATHER, NEVER APPRECIATED,  
 I.E., THE SO CALLED SOLUTION OF IT AT THE END OF ~~xxxx~~ PAPER, WHICH IS  
 1908 ~~xxxxxx~~ THE clearest presentation of his ideas (it is certainly the clearest  
 I know) is clearly inadequate, unless one ~~xxxx~~ assumption even less  
~~xxxxxx~~ justifiable than that of the infinity axioms, ~~xxxxxx~~ More  
~~xx~~ precisely, it is less justifiable because it is much stronger than  
 the infinity postulate, infinitely much stronger, if I may put it this  
 way, letting it go at that for the moment.

~~Thxxxxx assumed xxx in the second edition~~ There is at least a glimpse of this roughness  
 in the first edition (add Quotation). ~~Thxxxxx~~ In the interval between the two ~~addx~~  
 edition it had apparently come home to him. ~~Thxxxxx in the second edition~~ As a result,  
 preponderantly bent as he was on founding mathematics, at any ontological prize, if  
 I may so express myself, he was in the second edition prepared to assume what in the  
 first he had strenuously argued against, that our world as a whole is extensional.

FN. I say "our world as a whole, because of the way he kept ~~xxxxxx~~  
 insisting, at least verbally, that classes must be introduced, namely, as  
 incomplete symbols. But perhaps this is not quite fair. For his argument in  
 the first edition ~~was~~ rested essentially - though as we shall see, if I am right,

\*56  
 See in TSM  
 "Russell's confused  
 commitment throughout  
 facts"

Leave  
 in  
 F.?

See TSM  
 NOTE (X)  
 NOTE (Y)



arbitrariness  
Extensionality  
and Intentionality

see ~~my~~ MSM, 11emo 17

6

as here

for in VII clauses, symmetrically — then in X with repts to Russell

inadequately or improperly, leave that until later, on ~~the~~ what has since be called the ~~the~~ intentional contexts, ~~which~~ of which there are none in the trunk. ~~Yet~~ much would indeed be gained if arithmetic could be secured in the trunk. Hence: ~~not fair~~ not fair. But there is again a twist, which permits me to announce another result of the reconstruction. I have since come to belief that even if the trunk were in fact intentional extentional, its intentionality would not be the proper ground on which to rest arithmetic; just as an infinity of individuals, even if there were on, would not be.

later

I return to and conclude briefly with what I started with

FINITE - INFINITE/

In my ontology, a ~~fundamental~~ certain distinction becomes fundamental

(1) finite or infinite with respect to things (say particulars, but also, if you wish, properties of any type, or relations, (simple, not derived)

(2) finite with respect to its facts.

My world, already foiled and much earlier than RCBM, is such that a world may ~~by~~ what our world quite probably is, finite (1) and yet infinite (2)..... that permits me ~~to~~ together with certain other of its features (exist of forms and potential facts) to get along without his unreasonable postulation ("Unreasonable in at least one and quite possibly 2 senses).... connected with actions.... facts conn. with actions, ~~actions~~ connected with order..... their new ingredients more radical....more radical even than the new entities ..... no more now. see chapters III, V. VII, VIII, and, of course X..... only a minimum now, "verbally" if at all.