*“*The First Draft of Spinoza’s *Ethics*” (02.04.18) DRAFT

(forthcoming in Charles Ramond and Jack Stetter (eds.), *Spinoza in 21st-Century French and American Philosophy.* Bloomsbury)

 Introduction:

 The two manuscripts of the *Korte Verhanedling* that were discovered in the mid-nineteenth century contain two appendices. [[1]](#footnote-1) These appendices are even more enigmatic than the KV itself, and it is the first appendix that is the subject of this study. Unfortunately, there are very few studies of this text, and its precise nature seems to be still in question after more than a century and a half of scholarship.[[2]](#footnote-2) It is commonly assumed that the appendices were written after the body of the KV and I am not going to challenge this assumption.[[3]](#footnote-3) The first appendix is written in a geometric manner, and it contains seven axioms and four propositions. *Strikingly, it does not include any definitions*. This is in sharp contrast with Spinoza’s *Ethics* and his 1663 book on Descartes’ *Principles of Philosophy*, which are similarly written in a geometric manner but include *both* definitions and axioms. One could perhaps suspect that the text we currently have is merely a fragment from a more extensive work which included definitions. In my paper, I will show that this is not the case, and that the first appendix belongs to a genuine work of Spinoza that *never* contained definitions. I would further argue that the first appendix is most probably the earliest draft we currently have of Spinoza’s *magnum opus*, the *Ethics*, but we have a long way to go before we reach that conclusion.[[4]](#footnote-4)

 Generally, the content of the first appendix (henceforth: KV-A1) is very close to two other texts: the second chapter of the first part of the KV, entitled “What God Is,” and the first eight to ten propositions of Part One of the *Ethics*. A major theme of this piece is the problem of individuation. On this issue, as well as a few others, it sheds new light and helps to explain some long-standing problems in the argumentation of the *Ethics*. Let me also note that in one of the two manuscripts the first appendix is introduced by the title: “On God” (which is the title of the First Part of Spinoza’s *Ethics[[5]](#footnote-5)*). Though the extant two manuscripts of the KV are in Dutch, the titles of the various sections of KV-A1 are in Latin, i.e., “*Axiomata*” rather than “*Kundigheden,*” and “*Propositio*” rather than “*Voorstelling*.”[[6]](#footnote-6) With these introductory characterizations in mind, let us delve into a study of this very brief and intriguing text. I will begin by discussing the seven axioms, in the course of which I will also note a crucial and hitherto unnoticed link between one of the axioms and a key Kabbalistic doctrine. Following an examination of the four propositions and demonstrations in the second part of the paper, I will turn, in the third part, to showing that KV-A1 is most probably the earliest draft of the *Ethics* that we currently have.

 Part I: Axioms

 The first axiom of the appendix reads:

A1: Substance is, by its nature, prior to all its modifications [*De zelfstandigheid staat wegens syn natuur voor alle syne toevallen (modificationes)*].

The axiom is virtually identical to the first *proposition* of Part One of the *Ethics*:

A substance is prior in nature to its affections [*Substantia prior est natura suis affectionibus*].

It is clear why the same claim appears as an axiom in KV-A1 and as a proposition in the *Ethics*. In the *Ethics,* the demonstration of this proposition (E1p1d) relies immediately on the definitions of substance and mode (E1d3 and E1d5). KV-A1 has no such definitions; hence the claim must be accepted as an axiom.[[7]](#footnote-7)

 The body of the KV has no parallel to A1. Moreover, the very notion of mode (*wijz*) plays hardly any role in the first chapters of Part I of the KV, where the book’s basic ontology is introduced. Even the very brief KV sections dealing specifically with *natura naturata* (KV I, 8-9) tell us very little about the nature of modes, and much of what is written there will be explicitly rejected in the *Ethics*.[[8]](#footnote-8)

 The second axiom of the Appendix reads:

A2: Things that are different are distinguished either really or modally [*De dingen welke verscheiden zyn, worden onderscheiden, of dadelyk of toevallig*].

The closest claim in the *Ethics* is E1p4:

E1p4: Two or more distinct things are distinguished from one another, either by a difference in the attributes of the substances or by a difference in their affections [*Duae aut plures res distinctae vel inter se distinguuntur exdiversitate attributorum substantiarum, velex diversitate earundem affectionum*].

The body of the KV does not contain any clear equivalent to Axiom 2 of KV-A1. The closest claim in the KV – “That there are no two equal substances” – is much vaguer and very different from Axiom 2 of KV-A1.

On a first reading one might think that E1p4 is also quite different from Axiom 2: both texts suggest that two things may be distinguished by their modes, but while E1p4 asserts that two things may also be distinguished by their *attributes*, the second axiom of KV-A1 has instead “real distinction,” which one might think is a distinction between *substances*.[[9]](#footnote-9) However, the third axiom of KV-A1 elaborates on the nature of real distinction in a manner that seems to close the gap between KV-A1 and E1p4 by explicating real distinction in terms of distinction by *attributes*. Thus, the combination of Axioms 2 and 3 of KV-A1 amounts, more or less, to E1p4:

A3: Things that are distinguished really either have different attributes, like thought and extension, or are related to different attributes, like understanding and motion, of which the one belongs to thought, the other to extension [*De dingen welke dadelyk onderscheiden worden, hebben of verscheide eigenschappen, gelyk als denking en uytgebreidheid, of worden toegepast aan verscheide eigenschappen, als verstaaning en beweeging, welkers eene behoort tot de denking, en het ander tot de uytgebreidheid*.].

One question that Axiom 3 invites is in what sense can a thing be “related to an attribute” while not having it. In other words, what is the nature of the relation the understanding has to thought, and motion to extension (if it is not the relation of having either of the latter as an attribute)? As far as I can see, Spinoza is trying here to draw an interesting distinction between how substance relates to its attributes (i.e., it *has* the attributes), and the relation of the modes to the attributes to which they belong (i.e., they are *related* – a rather generic term - to the attributes).[[10]](#footnote-10)

 The demonstration of E1p4 relies on three definitions – E1d3, E1d4 and E1d5. Since the Appendix contains no definitions, it is clear that the claims asserted in its second and third axioms had to be presented as axioms rather than propositions.

 The fourth and fifth axioms of the Appendix read:

A4: Things that have different attributes, as well as those that belong to different attributes, have nothing in themselves the one from the other [*De dingen welke verscheide eigenschappen hebben, als mede de dingen welke behooren tot verscheide eigenschappen, en hebben in zig geen dink de eene van de ander*].

A5: What has nothing in itself from another thing can also not be the cause of the existence of such another thing [*Dat geene ’t welk in zig niet heeft iets van een ander dink, en kan ook geen oorzaak zyn van de wezentlykheid van zulk een ander dink*.].

The *Ethics* analogue of Axiom 5 of KV-A1 is E1p3:

If things have nothing in common with one another, one of them cannot be the cause of the other [*Quae res nihil commune inter se habent, earum una alterius causaesse non potest*.].

The fourth axiom of the Appendix has a close, but not precise, parallel in the *Ethics*.

E1p2: Two substances having different attributes have nothing in common with one another [*Duae substantiae, diversa attributa habentes, nihil inter se commune habent*].

I take “having nothing in themselves the one from the other” in Axiom Four of KV-A1 to be the same as “having nothing in common with one another” in E1p2.[[11]](#footnote-11) However, Axiom Four also contains the provision that “things that *belong to different attributes*… have nothing in themselves the one from the other,” which is absent from E1p2 (its closest *Ethics* equivalent is E2p6). It is possible that by the time Spinoza wrote the final version of the *Ethics* he thought that the “belonging to different attributes” provision was redundant, since in E1p1 he already proved that substance is prior to its affections.[[12]](#footnote-12)

 Axiom Six is the only axiom in the Appendix that has no close parallel in the beginning of the *Ethics*.[[13]](#footnote-13) It reads:

A6: What is a cause of itself could not possibly have limited itself [*Dat geene ’t welk een oorzaak is van zig zelfs, is onmogelyk dat het zig zelfs zoude hebben bepaald*].[[14]](#footnote-14)

What is the nature of this axiom? Why should anyone think that the cause-of-itself could have limited itself? The closest claim one can find in the *Ethics* is the *conatus* doctrine which states:

E3p4: No thing can be destroyed except through an external cause [*Nulla res, nisi a causa externa, potest destrui.*].

Spinoza begins E3p4d by noting that this proposition is “evident through itself.” Then, he argues that “the definition of each thing affirms and does not deny, the thing’s essence” and that “while we attend only to the thing itself, and not to external causes, we shall not be able to find anything in it which can destroy it” (E3p4d). Indeed, divine self-limitation seems to violate the *conatus* doctrine insofar as it allows for internal self-limitation, yet it is not clear why Axiom Six of KV-A1 targets specifically *divine* self-limitation, rather than state a general principle – akin to the *Ethics*’ conatus – banning *any* self-limitation. [[15]](#footnote-15)

 In order to answer this question, we need to make a brief historical detour. Pantheism had been openly advocated by mainstream Kabbalists already by the thirteenth century.[[16]](#footnote-16) In this context, Kabbalists frequently noted that the numerical value of the Hebrew word for God (*Elohim*) equals the numerical value of the Hebrew word for nature (*teva*). They relied on this equation to claim that God is identical with nature. Unlike many of their Christian contemporaries, the Kabbalists (at least until the eighteenth century) hardly developed any anxieties about pantheism. Yet the new strand of the Kabbalah, which evolved in sixteenth-century Safed, and was primarily associated with the school of Rabbi Yitzhak Luria (1534-1572), developed the doctrine of the *Zimzum*, or divine self-limitation. According to this doctrine, before the creation of the world, God’s infinite light withdrew his presence to the margins of the universe and created an empty space (*tahiro*), apparently free from divine presence, in which the drama of our world could take place.

 Lurianic Kabbalah and the doctrine of the *Zimzum* were adopted by most Kabbalists within a very short time period. Yet even among Luria’s immediate disciples one can discern allegorical interpretations of the contraction process [*zimzum shelo kepshuto*], interpretations that amounts to reaffirming God’s presence in the totality of nature. One of the pivotal figures who advocated the non-literal, or allegorical, interpretation of the *Zimzum* was the major Amsterdam Kabbalist, Avraham Cohen Herrera (~1652-1635). Herrera, a former *converso*, studied the Kabbalah in the Balkans with the noted Kabbalist, Rabbi Israel Sarug (fl. 1590-1610), who himself claimed to have studied it directly with Yitzhak Luria.[[17]](#footnote-17) Herrera died in 1635 when Spinoza was just three years old, but his influence on the Spanish-Portuguese Jewish community in seventeenth-century Amsterdam was decisive. Most Rabbinic figures in this community counted themselves as his disciples. That Spinoza was well aware of the pantheistic nature of the Kabbalah we can learn from his remarks in a 1675 letter.[[18]](#footnote-18) I suspect, though at this stage I cannot prove, that the Sixth Axiom of KV-A1 was Spinoza’s own contribution to the then ongoing debate on the proper interpretation of the doctrine of the *Zimzum*. This suggestion could easily explain why the Sixth Axiom is directed particularly against *divine* self-limitation. Remarkably, the Sixth Axiom of KV-A1 has thus far never been addressed in the extensive, three-centuries-old literature on Spinoza and the Kabbalah.[[19]](#footnote-19)

 The seventh and final axiom of the Appendix reads:

A7: That by which things are distinguished is by its nature prior to such things [*Dat geene door ’t welke de dingen onderscheiden worden, is wegens syn natuurhet eerste (eerder) in zoodanige dingen*].

Though there is no *precise* parallel to this axiom in the *Ethics*, the following paragraph from E1p5d seems nevertheless to make a very similar claim.

If [two substances were distinguished] by a difference in their affections, *then since a substance is prior in nature to its affections (by P1)*,[[20]](#footnote-20) if the affections are put to one side and [the substance] is considered in itself, i.e. (by D3 and A6), considered truly, one cannot be conceived to be distinguished from another, i.e. (by P4), there cannot be many, but only one.

This passage relies on E1p1 (“A substance is prior in nature to its affections”) in order to argue that substances cannot be individuated by affections that are posterior to the substance, which is also the main point of the Seventh Axiom of KV-A1. As far as I can see, the body of the KV contains no parallel to A7 of KV-A1. I turn now to the four propositions that constitute the second half of the KV-A1.

Part II: The Four Propositions of KV-A1

The First Proposition reads:

P1: To no substance which really exists can we relate [*toegepast worden*] the same attribute that is related to another substance, or (what is the same) in Nature there cannot be two substances unless they are distinguished really. [[21]](#footnote-21)

Dem.: If the two substances are two, they are different. And consequently (by A2) are distinguished, either really or modally. Not modally, for then (by A7) the modifications by their nature would be prior to the substance (contrary to A1). Therefore, really. Hence what can be said of the one cannot (by A4) be said of the other. This is what we were trying to prove.

The *Ethics* equivalent of Proposition One and its demonstration is E1p5d, which we have already encountered. In both texts, Spinoza argues that things cannot be distinguished through their modes, since this will make substances dependent on their modes. There are, however, two important points that are unique to the Appendix version of the demonstration. First, it refers to the attributes as “what is said *of* the substance,” which is a technical Aristotelian-Scholastic term.[[22]](#footnote-22) Second, the demonstration refers to a distinction by attributes as *real* distinction (while E1p5d does not employ that terminology). It is also noteworthy that in Proposition One of the Appendix, just as in its *Ethics* parallel, Spinoza is not worried by the possibility that will be later pointed out by Leibniz, i.e., that two substances can share *some* attributes, and thus be distinguished by the attributes they do not share.[[23]](#footnote-23) Finally, let me point out that this proposition shows that the First Appendix, unlike the KV itself, is a resolutely un-Cartesian text, insofar as it does not allow for a plurality of substances sharing the same attribute.

 The Second Proposition of KV-A1 addresses the issue of causal relations between substances.

P2: One substance cannot be the cause of the existence of another substance.

Dem.: Such a cause can have nothing in itself of such an effect (by P1), for the difference between them is real, and consequently (by A5) it cannot produce [*voortbrengen*] it (existence [*wezentlykheid*]).

The clear *Ethics* parallel of this proposition is E1p6, which relies on the very same justification – causation requires a shared attribute – in order to conclude that there cannot be causation among substances.

E1p6: One substance cannot be produced by another substance [*Una substantia non potest produci ab alia substantia.*].

Dem.: In nature there cannot be two substances of the same attribute (by P5), i.e. (by P2), which have something in common with each other. Therefore (by P3) one cannot be the cause of the other, or cannot be produced by the other [*sive ab alia non potest produci*], q.e.d.

One thing that we can learn from comparing the two demonstrations is that, for Spinoza, *production* is just causing the existence of something. Also, we should note that here again, the ban on causal interaction between substances diverts significantly from Descartes’ views.

 The Third Proposition addresses the infinity of substance and attribute:

P3: Every attribute, or substance, is by its nature infinite, and supremely perfect in its kind [*oneyndig, en ten oppersten volmaakt in zyn geslacht*].

Dem.: No substance is produced by another (P2); consequently, if it exists, it is either an attribute of God or it has been a cause of itself [*een oorzaak van zig zelfs*] outside God. If the first, then it is necessarily infinite and supremely perfect in its kind, as are all God’s other attributes. If the second, it also must be such; for (by A6) it could not have limited itself.

 Let me suggest a few observations regarding this proposition. First, in the demonstration, Spinoza seems to move seamlessly between attribute and substance, treating the two as virtually identical (this attitude is present in other parts of the First Appendix, as well as in the first drafts of the *Ethics* quoted in Eps. 2 and 4).[[24]](#footnote-24) Second, the demonstration is the first time God is mentioned at all in KV-A1. In the absence of a definition of God, each is left to rely on her or his own understanding of God. Presumably, the vast majority of Spinoza’s contemporaries would agree that God is “necessity infinite and supremely perfect in its kind.” Still, in later drafts of the *Ethics*, Spinoza will state these points explicitly in the definition of God.[[25]](#footnote-25) Third, there is no precise *Ethics* parallel to this proposition. Still, E1p8, its demonstration, and its first scholium cover most of the content and reasoning of the Third Proposition of KV-A1. Fourth, Spinoza’s use of Axiom Six in the demonstration shows that by the “limitation of a cause of itself,” he meant turning an infinite substance into a finite substance. Fifth, the demonstration of Proposition Three allows for a plurality of *causa sui* substances (just as the possibility of a plurality of substances is not ruled out in the *Ethics* until E1p14).

 The fourth and final proposition of the Appendix is its longest and most substantial unit.

P4: Existence belongs [*behoord*], by nature, to the essence of every substance, so much so [*ook zo zeer*] that it is impossible to posit in an infinite intellect the idea of the essence of a substance which does not exist in Nature.

In E1p7, Spinoza proves that “it pertains [*pertinet*/*behoort*] to the nature of substance to exist,” and the necessity to conceive of substance as existing is argued in E1p8s2 (relying partly on E1d1 and E1a7).[[26]](#footnote-26) However, unlike these *Ethics* passages, the Fourth Proposition of KV-A1 refers specifically to *God’s intellect*.[[27]](#footnote-27) Let us turn now to the demonstration of the Fourth Proposition.

Dem.: The true essence of an object [*van een voorwerp*] is something which is really distinct from the Idea of that object, and this something (by A2[[28]](#footnote-28)) either exists really, or is contained in [[29]](#footnote-29) [*begrepen in*] another thing which exists really and from which one cannot distinguish this essence really, but only modally [*wyzelyk (modaliter)*]; such are all the essences of things we see which, when they did not previously exist, were contained [*begrepen*] in extension, motion and rest, and which, when they do exist, are distinguished from extension not really, but only modally. And also it involves a self-contradiction to maintain that the essence of a substance is contained in another thing in this way, since in that case it would not be distinguished from it really (contrary to P1); also, it could then be produced by the subject which contains [*begrypt*] it (contrary to P2); and finally, it could not be infinite through its nature and supremely perfect in its kind (contrary to P3). Therefore, because its essence is not contained [*begreepen*] in any other thing, it must be a thing that exists through itself (I/116/8-26).

Spinoza begins the demonstration by denying that essences are just ideas, a point he also stresses in the *Cogitata Metaphysica*.[[30]](#footnote-30) He then moves to arguing that the essence of substance cannot be “contained [*begrepen*]” in another substance (i.e., a thing which is really distinct from the original substance). The key to understanding Spinoza’s claims here is the precise meaning of the term “*begrepen*.” Fortunately, Spinoza makes very similar claims in E1p8s2. Let us have a look at this passage. In square brackets I add the Dutch terms which appear in the *Nagelate Schriften*.

This is how we can have true ideas of modifications which do not exist; for though they do not actually exist outside the intellect, nevertheless their essences are comprehended in another in such a way that they can be conceived through it [*hun wezentheit in een ander in dir yoegen begrepen, dat zy door ‘t zelfde bevat konnen worden*]. But the truth of substances is not outside the intellect unless it is in them themselves,because they are conceived through themselves (E1p8s2| II/50/8-12).

For Spinoza, we can have true ideas of non-actualized modes because we can adequately “comprehend” their essences through their substance.[[31]](#footnote-31) The relation *x is comprehended through y* must be closely related to the relation *x is conceived through y*, as Spinoza infers the second relation from the first in the third line of the last passage. Both in the above excerpt from E1p8s2 and in the demonstration of the Fourth Proposition of KV-A1, Spinoza argues that the essence of substance (unlike the essence of modes) cannot be “contained” or “comprehended” in another, and thus it must be contained in the substance itself. In the demonstration of the Fourth Proposition of KV-A1, Spinoza also relies on Proposition Two of KV-A1 in order to infer that the *existence* of substance cannot be imported from outside it. Thus, both the essence of substance and its existence must be conceived through itself. In sum, the demonstration of the Fourth Proposition seems to rely on considerations very similar to E1p7d and E1p8s2.

 I turn now to the corollary, the last textual unit of the Fourth Proposition (and of KV-A1 as a whole).

Cor.: Nature is known through itself, and not through any other thing. It consists of infinite attributes, each of which is infinite and perfect in its kind. Existence belongs to its essence, so that outside it there is no essence or being [*zyn*]. Hence it agrees exactly with the essence of God, who alone is magnificent [*heerlyke[[32]](#footnote-32)*] and blessed (I/116/27-32).

The conclusions of the corollary are virtually the same as in E1p11 (“God, or a substance consisting of infinite attributes, each of which expresses eternal and infinite essence, necessarily exists”) and E1p15 (“Whatever is, is in God, and nothing can be or be conceived without God”). Still, the trajectory leading to these conclusions is quite unique. Most of the assertion in this corollary are not derived (or derivable) from earlier axioms or propositions in KV-A1. For this reason, and because it is the last textual unit of KV-A1, I assume the corollary is a very rough draft which Spinoza never polished. Were it to be polished, Spinoza would have to introduce new axioms. That being said, we should not miss the corollary’s skeletal yet fascinating argument for the identity of God and Nature, which relies on a variant of the Identity of Indiscernibles. (1) God has infinitely many (and all[[33]](#footnote-33)) attributes each of which is perfect in its kind (Premise). (2) Nature has infinitely many (and all) attributes each of which is perfect and infinite in its kind (Premise). Therefore, (3) God and Nature are indiscernible (from 1 and 2). Hence, (4) God and Nature must be identical (from 3 and the Identity of Indiscernibles). Perhaps at this point Spinoza realized that his axiomatic-system-sans-definitions makes his desired demonstrations highly cumbersome. Indeed, in the final version of the *Ethics*, Premise 1 of the above argument is stated as part of the definition of God (E1d6). Finally, let me note that the corollary comes very close to asserting the identity of God and Nature (“[Nature] agrees exactly with the essence of God”), but it stops just one tiny step short of inferring this conclusion explicitly.

 Part III: The Nature of KV-A1

 In an editorial gloss to his translation of KV-A1, Edwin Curley notes: “This appendix is not designated as such in the manuscript and is generally believed to be posterior to the main body of the *Treatise*.”[[34]](#footnote-34) Along the same lines, let me note that KV-A1 (as well as KV-A2) contain no explicit reference to any part of the *Short Treatise*. This is in contrast to the manner in which the *Cogitata Metaphysica* makes frequent reference to DPP. Another crucial point we can establish by now is that the KV-A1 never contained a section of definitions. All the proofs of the four propositions are designed as relying merely on the seven axioms and the previous propositions.[[35]](#footnote-35) It is a genuine manner of trying to present the core of Spinoza’s metaphysics (at the time) in an axiomatic method, without relying on definitions.

 In this part of the paper I will argue that KV-A1 is most likely the earliest draft of the *Ethics* that we currently have. I will first present a series of considerations aiming to show that KV-A1 is *a draft* of the *Ethics*, and then turn to arguing that it is *the earliest* draft. As I mentioned at the beginning of this paper, the content of KV-A1 is somewhat similar to two other bodies of texts in Spinoza’s oeuvre: (1) The first eight propositions of Part I of the *Ethics*, and (2) Chapters 1, 2, 8, and 9 of Part I of the KV, which deal respectively with: God’s existence, the nature of God, *natura naturans*, and *natura naturata* (other parts of the KV have much less in common with KV-A1). My chief claim would be that it is much more reasonable to consider KV-A1 as a draft of the beginning of the *Ethics* than as a reorganization of the aforementioned four chapters of Part I of the KV. Already while we were scrutinizing the axioms and propositions of KV-A1 in the earlier parts of this paper, I frequently pointed out parallels between KV-A1 and the beginning of the *Ethics* (and, usually, the absence of such parallels with the body of the KV), but I will repeat some of these points in order to provide a more comprehensive picture.

 Here then are the reasons to consider KV-A1 as a draft of the beginning of the *Ethics*: (1) The most salient feature of KV-A1 is the use of the axiomatic method which will become one of the most celebrated, daring, and scorned features of the *Ethics*. No part of the body of the KV exhibits such pattern of presentation. Piet Steenbakkers insightfully pointed out that unlike the other texts of Spinoza that were written *mos geomtricus* – DPP, the *Ethics*, and the excerpts from drafts of the *Ethics* mentioned in Spinoza’s correspondence – KV-A1 is the only such text lacking explicit reference to the *mos* or *ordo geometricus*.[[36]](#footnote-36) As far as I can see, there is a simple explanation for the absence of such an explicit reference. KV-A1 is an experiment, an experiment that turned out mostly successful, and led Spinoza to develop and finesse the method of exposition that his great predecessor, Descartes, claimed to be unfit for the study of “metaphysical subjects.”[[37]](#footnote-37) During this first experiment with the new method of exposition, it is quite likely that the new method had not been given a title yet (as it was not yet clear that it was a genuinely new *mos*).

 (2) When we compare the content of KV-A1 with the first eight propositions of the *Ethics*, on the one hand, and with the aforementioned four chapters of the KV, it would be fair to say that, generally, the overlap with the *Ethics* is about 80%-90%, while the overlap with the body of the KV is about 10%-20%. I will immediately elaborate on specific topics and issues. (3) A major theme in KV-A1 is the question of *individuation*, i.e., by virtue of what things are distinct. The very same issue is also paramount at the beginning of the *Ethics*. The topic is almost completely absent from the KV.[[38]](#footnote-38) (4) Unlike the KV-A1 and the *Ethics*, the KV makes hardly any attempt to conceptualize the nature of modes or affections. This is true not only of the first two chapters of Part I, dealing with God, but also with the chapters discussing *natura naturata* (KV I, 8-9). Thus, the claim that substance is prior to its modes -- central both in KV -A1 and the *Ethics* – is absent from the KV.

 (5) In the first dialogue following the second chapter of Part I of the KV, Reason (*Reden*) scolds its Cartesian opponent, Lust (*Begeerlijkheid*), for following the senses and affirming the existence of many distinct substances. Then Reason adds:

And if you want to call the corporeal and the intellectual substances in respect to the modes which depend on them, *you must equally call them modes too*, in relation to the substance on which they depend. *For you do not conceive them as existing through themselves*. In the same way that you call willing, sensing, understanding, loving, etc., different modes of what you call a thinking substance (all of which you lead back to one, making one of them all), so I also infer, by your own proof, *that infinite extension and thought, together with other infinite attributes (or as you would say, substances) are nothing but modes of that unique, eternal, infinite Being, existing through itself*.[[39]](#footnote-39)

There are two crucial (and related) points which set this passage apart from the metaphysics of the *Ethics*. (i) The passage suggests that the thinking and extended substances also are modes of the “of the unique and eternal Being.” The *Ethics* would categorically rule this out by the very definition of substance as not being dependent on anything else (E1d3). (ii) According to the above passage, “the corporeal and the intellectual substances” are *not* conceived as “existing through themselves.” Compare this with E1p7 (“It pertains to the nature of substance to exist”), and the claims that each of the attributes “expresses existence” (E1p20d), and that “each of the attributes must involve eternity,” i.e., (per E1d8) existence. On both of these issues, KV-A1 sides unequivocally with the *Ethics*, against the claims of Reason in the KV Dialogue. P2 of KV-A1 makes clear that one substance cannot depend on another substance for its existence. P4 makes clear that existence belongs to the nature of *every* substance.

 (6) The causal self-sufficiency of substance is a major theme in both KV-A1 and the first eight propositions of Part One of the *Ethics*. The *Ethics* proof of God’s existence in E1p11 relies crucially on this key claim. In contrast, the first chapter of the first part of KV presents a series of intriguing proofs for the existence of God. *The causal self-sufficiency of substance plays no role in any of these detailed proofs*. The proofs of KV I,1 are mostly elaborations on Descartes’ proofs of the existence of God. Here again, KV-A1 embarks on a path strikingly different from that of the KV. (7) Several scholars have pointed out convincingly the clear Cartesian nature of many of Spinoza’s claims in the KV,[[40]](#footnote-40) especially when compared with the *Ethics*’ systematic rejection of many, probably most, of Descartes’ major claims. This can hardly be said about KV-A1. Each of the four propositions of KV-A1 is *resolutely* anti-Cartesian.[[41]](#footnote-41)

 The considerations I have presented so far purport to establish that KV-A1 is *a draft* of the *Ethics*. The reason to think that it is *the earliest draft* that we currently have is quite simple. Ep. 2 (September 1661), Ep. 4 (October 1661), and the lost enclosure to Ep. 2 (which has been carefully reconstructed by Buffa Battisti and Hubbeling[[42]](#footnote-42)) contain significant excerpts from early drafts of the *Ethics*, presented in axiomatic method, and include *definitions*, as well as axioms. All later drafts of the *Ethics*, cited in Spinoza’s correspondence, contain a definitions section.[[43]](#footnote-43) Thus, in deciding on the dating of KV-A1, we have two alternative narratives. According to the one, KA-A1 is *posterior* to Eps. 2 and 4, and thus it would appear that Spinoza began with an axiomatic method which contained both definitions and axioms. Then, for unknown reasons, he switched to a model without definitions (KV-A1), and then eventually returned to a model which included definitions.

 According the second alternative, KV-A1 *precedes* Eps. 2 and 4. In this narrative, Spinoza experimented with an axiomatic model without definitions (KV-A1), realized its significant shortcomings (e.g., that it required 7 axioms to prove just 4 propositions) and cumbersomeness,[[44]](#footnote-44) and switched from that time onward to a model that included both definitions and axioms. This second narrative seems to me far more probable not only because it provides the simpler explanation (with only *one* significant change in the structure of the axiomatic system), but also because Spinoza’s correspondence from around 1661 provides no motivation for either one of the changes that the first narrative assumes. Thus, I conclude that it is highly probable that KV-A1 is the earliest draft of the *Ethics* we currently have.[[45]](#footnote-45)

 Conclusion

 A new philosophical method does not appear complete and polished *ex nihilo*. Clearly, Spinoza’s model in developing his axiomatic method was Euclid’s *Elements*, but in philosophy we have hardly any precedent for the use of axiomatization.[[46]](#footnote-46) In his Synopsis to the *Meditations*, Descartes boasted that “the only order which I could follow was that normally employed by geometers, namely to set out all the premises on which a desired proposition depends, before drawing any conclusions about it.”[[47]](#footnote-47) Having read carefully the *Meditations*, and failing to see how this description could fit that text, Mersenne asked Descartes to fulfill his promise and “set out the entire argument in geometrical fashion, starting from a number of definitions, postulates and axioms.”[[48]](#footnote-48) I will leave it to the reader to have her own impression from Descartes’ response to Mersenne at the end of the Second Set of Replies, though, on my part, I strongly suspect that Descartes’ disparaging and hardly convincing claims about the unfitness of the axiomatic method to the study of philosophy made a strong impression on Spinoza, and perhaps even made him think that, voila, he just found a method.

 Spinoza’s axiomatic method had not only hardly any anticipators, but it had very few followers as well. Schelling’s 1801 *Darstellung meines System der Philosophie* was written *more geometrico*, but it is barely a pale shadow of the *Ethics* in terms of the rigor of its proofs.[[49]](#footnote-49) The rest of the German Idealists seemed to adopt Descartes’ claim that the axiomatic method is not adequate for philosophy. Thus, Hegel argues against Spinoza that philosophy, unlike mathematics, cannot begin with given, presupposed definitions and axioms.[[50]](#footnote-50) The question of how a philosophical system should begin is indeed a deep and serious question, but, as far as I can see, it is completely orthogonal to the use of the axiomatic method. The axiomatic method renders the argumentative structure of the system bare naked (or so it claims to). As such, it *makes transparent* many methodological problems, such as the question: where should philosophy begin? Yet it neither creates, nor even contributes to the creation of, the problem, and the question of how to avoid an arbitrary beginnings in philosophy must haunt Hegel’s non-axiomatic exposition of his philosophy just as much as it does Spinoza.

 Transparency should always be considered a virtue, not a vice. With the advent of modern mathematics in the late nineteenth century, the use of axiomatization in various branches of mathematics became widespread. Since the rigor of mathematics was the main source of inspiration for the analytic philosophers of the twentieth century, one might have expected some philosophers to attempt a systematic axiomatization of some branches of philosophy, rather than rely on disassociated amalgams of intuitions (or a vaguely formulated “reflective equilibrium between intuitions and principles”), but thus far, this hasn’t happened. Systematic axiomatization of philosophy is not an easy task.

 In the current paper, I have argued that KV-A1 was Spinoza’s first attempt to present his philosophy *more geometrico*, and that most probably it is the earliest draft of the *Ethics* that we currently have. I have much admiration for Spinoza’s attempt to develop his philosophy in a systematic and axiomatic manner. Needless to say, there are quite a few gaps in the demonstrations of the *Ethics* (as there are quite a few gaps in Euclid’s *Elements*). The exposure and evaluation of the threat of these gaps to the conceptual edifice of the *Ethics* [[51]](#footnote-51) is a significant part of the day (and sometimes night) job of a Spinoza scholar.

 My study of the First Appendix of to the *Short Treatise* leaves a number of important and intriguing questions unanswered. What brought Spinoza to experiment with an axiomatic system free from definitions? And why did he avoid definitions in KV-A1 while his early *Treatise on the Emendation of the Intellect* pays very close attention to the issue of the adequacy of definition?[[52]](#footnote-52) I leave both questions for another occasion, or for other scholars. As one of the early Talmudists – Rabbi Tarfon – tells us: “You are not obliged to complete the task, but neither are you free to desist from it.”[[53]](#footnote-53)

Bibliography

Aristotle. *Categories* and *De Interpretatione*. Edited and translated by J. L. Ackrill. Oxford:

Clarendon Press, 1963.

Ben-Shlomo, Yoseph. *The Mystical Theology of Moses Cordovero.* Jerusalem: Bialik Institute 1986

[Hebrew].

Brandau, John A. *Spinoza on Definition and Essence*. Ph.D. Dissertation. Johns Hopkins University, 2016.

Buffa Battisti, Giuseppa. “La dimostrazione dell'esistenza di Dio dall'abbozzo del 1661 e

dalla *Korte Verhandeling* al 'De Deo'” in Filippo Mignini (ed.), *Dio, l'uomo, la liberta:*

*Studi sul* Breve Tratatto *di Spinoza*, 95-118. L’Aquila: Japadre, 1990.

Carriero, John. “On the Relationship between Mode and Substance in Spinoza’s

Metaphysics.” *Journal of the History of Philosophy* 33 (1995): 245–73.

Descartes, René. *Oeuvres de Descartes* [**AT**]. 12 volumes. Edited by Charles Adam and Paul

Tannery. Paris: J. Vrin, 1964-76.

\_\_\_\_\_\_\_. *The Philosophical Writings of Descartes* [**CSM**]. 3 volumes. Translated by John

Cottingham, Robert Stoothoff and Dugald Murdoch. Cambridge: Cambridge

University Press, 1985.

Della Rocca, Michael. “Spinoza’s Substance Monism” in Koistinen and Biro (eds.), *Spinoza:*

*Metaphysical Themes*, 11–37. Oxford: Oxford University Press, 2002.

Dunin-Burkowski, Stanislau von. *Der junge de Spinoza*, Münster: Verlag der Aschendorffschen Buchhanlung, 1910.

———. “Der erste Anhang zu de Spinozas *Kurzer Abhandlung*” *Chronicon Spinozanum 1*

(1921), 63-80.

Euclid. *The Elements*. 3 vols. Translated by Thomas L. Heath. Dover: New York, 1956.

Fichte, J.G. and Schelling, F.W.J. *The Philosophical Rupture between Fichte and Schelling: Selected*

*Texts and Correspondence (1800-1802)*, ed. and trs. M.G. Vater and D.W. Wood.

Albany: SUNY Press, 2012.

Garber, Daniel. “Spinoza’s Cartesian Dualism in the Korte Verhandeling” in Yitzhak Y.

Melamed (ed.), *The Young Spinoza* (Oxford: Oxford University Press, 2015), 121-132.

Garrett, Don. “*Ethics* Ip5: Shared Attributes and the Basis of Spinoza’s Monism.” In *Central*

*Themes in Early Modern Philosophy*, edited by J. A. Cover and M. Kulstad, 69–107.

Indianapolis: Hackett, 1990.

Hegel, G.W.F. *The Science of Logic*. Translated by George di Giovanni. Cambridge: Cambridge

University Press, 2010.

*\_\_\_\_\_\_\_. Lectures on the History of Philosophy.* Translated by E. S. Haldane and F. H. Simson. 3

vols. London: University of Nebraska Press, 1995.

Herrera, Abraham Cohen. *Das Buch* [*Sha’ar ha-shamayim*] *oder Pforte des Himmels*. Translated by

F. Häussermann with an introduction by Gershom Scholem. Frankfurt a.M.:

Suhrkamp, 1974.

Hubbeling, H. G. “The Development of Spinoza's Axiomatic (Geometric) Method” *Revue*

*Internationale de philosophie 31* (1977), 53-68.

Leibniz, G.W. *Philosophical Papers and Letters*. Translated and edited by Leroy E. Loemker. 2nd

edition. Dordrecht: Kluwer, 1989.

Melamed, Yitzhak Y. “Spinoza’s Deification of Existence,” *Oxford Studies in Early Modern*

*Philosophy 6* (2012)*,* 75-104.

———. *Spinoza’s Metaphysics: Substance and Thought.* Oxford: Oxford University Press, 2013.

 ———. (ed.). *The Young Spinoza: A Metaphysician in the Making* (Oxford: Oxford University,

2015).

———. “A Glimpse into Spinoza’s Metaphysical Laboratory: The Development of Spinoza’s

Concepts of Substance and Attribute” in Yitzhak Y. Melamed (ed.), *The Young Spinoza*

(Oxford: Oxford University Press, 2015), 272-286.

———. “The Building Blocks of Spinoza’s Metaphysics: Substance, Attributes, and Modes”

in Michael Della Rocca (ed.), *The Oxford Handbook of Spinoza* (Oxford: Oxford

University Press, 2017), 84-113.

———. “*“Deus sive Vernunft*: Schelling’s Transformation of Spinoza’s God” in G. Anthony

Bruno (ed.), *Freedom, Nature and Systematicity: Essays on F.W.J. Schelling* (Oxford: Oxford

University Press, forthcoming).

———. “On the Fish’s Knowledge of God’s Essence, or Why Spinoza Was Not a Skeptic”

in G. Vetri, E. Spinelli, R. Haliva, & S. Schmid (eds.), *Studies in Skepticism* (Berlin:

DeGruyter, forthcoming).

Morin, Jean-Baptiste. *Quod Deus Sit*. Paris: 1631.

Mignini, F., Moreau, P.-F., and van Suchtelen, G. *Studia Spinozana 4: Spinoza’s Early Writing*s.

Würzburg: Königshausen & Neumann, 1988.

Scholem, Gershom. *Kabbalah.* New York: Meridian, 1978.

*———. “*Sarug (Saruk), Israel,” *Encyclopedia Judaica*, edited by Michael Berenbaum and Fred

Skolnik, 2nd ed., vol. 18, pp. 63-64. Detroit: Macmillan Reference, 2007.

Sigwart, Christoph. *Spinoza’s neuentdeckter Tractat* *von Gott, dem menschen und*

*dessen glückseligkeit.* Gotha: Rud. Besser, 1866

Spinoza, Benedict. *De Nagelate Schriften van B.D.S*. Amsterdam: 1677.

*———. Opera*, 4 vol., ed. C. Gebhardt. Heidelberg: Carl Winter, 1925.

———. *The Collected Works of Spinoza*, 2 vol., ed. and trs. E. Curley.

Princeton: Princeton University Press, 1985/2016.

———. *Korte verhandeling/Breve trattato*. Ed. F. Mignini. L'Aquila: Japadre, 1986.

———. *Oeuvres I: Premiers écrits*. Edited by Filippo Mignini, and translated by Michelle

Beyssade and Joël Ganault. Paris: PUF, 2009.

*———. The Vatican Manuscript of Spinoza’s Ethics.* Edited by Leen Spruit and Pina Totaro.

Leiden, NL: Brill, 2011.

Steenbakkers, Piet. *Spinoza’s* Ethica *from Mauscript to Print*. Assen: Van Gorcum, 1994.

Wolf, A. *Spinoza’s* Short Treatise on God, Man & His Well-Being. New York: Russell

& Russell, 1963.

1. On the discovery of the *Short Treatise*, see Curley’s editorial preface in Spinoza, *Collected Works*, vol. 1, 46-53. For an illuminating and updated discussion of the genesis of this work, see Mignini, “Introduction au *Court Traité*” in Spinoza, *Oeuvres I: Premiers écrits*, 159-180. Unless otherwise marked, all quotes from Spinoza’s works and letters are from Curley’s translation. I have relied on Gebhardt’s critical edition (*Spinoza Opera*, 4 volumes (Heidelberg: Carl Winter Verlag, 1925)) for the Latin and Dutch text of Spinoza. I use the following standard abbreviations for Spinoza’s works: **TdIE** - *Treatise on the Emendation of the Intellect* [*Tractatus de Intellectus Emendatione*], **DPP** – *Descartes’ Principles of Philosophy* [*Renati des Cartes Principiorum Philosophiae Pars I & II*], **CM** – *Metaphysical Thoughts* [*Cogitata Metaphysica*], **KV** – *Short Treatise on God, Man, and his Well-Being* [*Korte Verhandeling van God de Mensch en deszelfs Welstand*], **TTP** –*Theological-Political* *Treatise* [*Tractatus Theologico-Politicus*], **Ep.** – *Letters*.Passages in the *Ethics* will be referred to by means of the following abbreviations: a(-xiom), c(-orollary), p(-roposition), s(-cholium) and app(-endix); ‘d’ stands for either ‘definition’ (when it appears immediately to the right of the part of the book), or ‘demonstration’ (in all other cases). Hence, E1d3 is the third definition of part 1 and E1p16d is the demonstration of proposition 16 of part 1. I would like to thank Zach Gartenberg, Mogens Laerke, and Jack Stetter for their extremely helpful comments on earlier versions of this paper. I have presented drafts of this paper at conferences at the ENS-Lyon in November 2011, and at Paris-8 in June 2016. I would like to thank the participants and audiences at both conferences for their comments. Finally, I would like to thank Dan Garber, Michael Della Rocca, and Steve Nadler for helpful conversations about my argument in this paper. [↑](#footnote-ref-1)
2. Mignini, Moreau, and van Suchtelen (eds.), *Studia Spinozana 4: Spinoza’s Early Writing*, and Melamed (ed.), *The Young Spinoza*, contain some valuable studies of the *Short Treatise*, though none that concentrate on the first appendix. Among the very few studies of the first appendix, one should note Dunin Borkowski, S. v. “Der erste Anhang” and Sigwart, *Spinoza’s neuentdeckter Tractat,* 145-158. [↑](#footnote-ref-2)
3. See Curley’s editorial remark in Spinoza, *Collected Works*, vol. 1, 150, n. 1, and Wolf, Spinoza’s *Short Treatise*, p. cxxii. [↑](#footnote-ref-3)
4. An earlier scholar who gestured in the direction of my chief claim in the current article is A. Wolf, who wrote in his *Spinoza’s* Short Treatise, cxxii: “[The First Appendix] is intimately related to the *Ethics*.” [↑](#footnote-ref-4)
5. The title “DE DEO” appears also at the beginning of Part One of the recently discovered Vatican manuscript of Spinoza’s *Ethics* (see Spruit & Totaro, *Vatican Manuscript*, 83), though, noticeably, the title of the complete book – “*Ethica*” – is absent from the Vatican manuscript. [↑](#footnote-ref-5)
6. In contrast, in the body of the KV the chapter titles, like the rest of the text, are in Dutch. [↑](#footnote-ref-6)
7. In the *Nagelate Schriften*, the 1677 Dutch translation of the *Opera Posthuma*, E1p1 reads: “*De dzelfstandigheit is eerder in natuur, dan haar aandoeningen*.” ‘*aandoeningen’* is the Dutch translation of ‘*affectiones*,’ (as opposed to ‘*toevallen*’ (accidents) in KV-A1). On Spinoza’s switch from the terminology of accidents to that of modes already in the early drafts of the *Ethics*, see Melamed, *Spinoza’s Metaphysics*, 28-30. See also Mogens Laerke’s illuminating discussion of this issue in his response to my paper in the current volume. [↑](#footnote-ref-7)
8. See, for example, the claim that finite modes (“singular things”) are produced by the infinite modes (KV I, 8| I/47/32), a claim Spinoza rejects in E1p22. Cf. Melamed, *Spinoza’s Metaphysics*, 116. [↑](#footnote-ref-8)
9. On real and conceptual distinctions in Spinoza, Descartes, and Suarez, see Melamed, “Building Blocks,” 99-102. [↑](#footnote-ref-9)
10. In the final version of the *Ethics*, Spinoza will frequently refer to the latter relation as conceiving (or considering) a mode under a certain attribute. See E2p21s, E3p2s, and E4p4d (II/213/24). [↑](#footnote-ref-10)
11. In passing, let me note that in E1p2d, Spinoza claims that E1p2 is “evident from E1d3.” In fact, E1p2 seems to rely on E1a5, in addition to E1d3. [↑](#footnote-ref-11)
12. E1a5 – “Things that have nothing in common with one another also cannot be understood through one another, *or* the concept of the one does not involve the concept of the other” – is making a point related, yet distinct from the Fourth and Fifth Axioms of the Appendix. [↑](#footnote-ref-12)
13. E1p8d is the closest *Ethics* equivalent, though it addresses the possibility of one substance being limited “by something *else* of the same nature.” Another possible equivalent is the *Nagelate Schriften* version of E1p8s1 which reads: “if we assume a finite substance, we would, in part, deny [*ontkennen*] existence to its nature, which (by P7) is absurd.” E1p7 asserts that “it pertains to the nature of substance to exist.” Still, it is not at all trivial that a being to whose nature belongs existence cannot limit itself. [↑](#footnote-ref-13)
14. In the *Short Treatise*, Spinoza tries to prove that an unlimited substance could not have limited itself, “for being unlimited, it would have had to change its whole essence” (KV I, 2, note b| I/20/21). Since in KV-A1 it is not given that the cause-of-itself is unlimited, this line of argument is not available. [↑](#footnote-ref-14)
15. Furthermore, E3p8d seems to imply that the *contaus* doctrine is barely applicable to God’s essence, since only things that *endure* strive to persevere in their being. [↑](#footnote-ref-15)
16. See Scholem, *Kabbalah*, 147, and Ben-Shlomo, *The Mystical Theology*, 302–3. [↑](#footnote-ref-16)
17. Scholem, “Sarug, Israel.” [↑](#footnote-ref-17)
18. “That all things are in God and move in God, I affirm, I say together with Paul… though in another way - I will also be so bold as to say, with all the ancient Hebrews, as far as can be conjectured from certain traditions [*quibusdam traditionibus*], corrupted as they have been in many ways” (Ep. 73| IV/307/8-11). The literal meaning of the Hebrew word “*Kabbalah*” is “tradition,” and the view of the Kabbalah as ancient wisdom and a system of symbols whose original meaning got corrupted was widespread in the early modern period. [↑](#footnote-ref-18)
19. For Scholem’s overview of Spinoza’s relation to the Kabbalah, see his introduction to the German translation of Herrera’s *Sha’ar ha-Shamayim* (*Gate of Heaven*). [↑](#footnote-ref-19)
20. Italics added. [↑](#footnote-ref-20)
21. Here the Monnikhoff manuscript adds: “or (what is the same) in nature, no two substances of one and the same nature can be posited,” a wording which is almost identical to E1p5. See Curley’s editorial note in Spinoza, *Collected Works*, I 151, n. 5. [↑](#footnote-ref-21)
22. See Aristotle, *Categories*, 1a20. Cf. Carriero, “Relationship,” 246-7. [↑](#footnote-ref-22)
23. See Leibniz, *Philosophical Papers*, 198-99, Garrett, “*Ethics* Ip5,” 83-101, and Della Rocca, “Spinoza’s Substance Monism,” 17-22.  [↑](#footnote-ref-23)
24. See Melamed, “Glimpse.” [↑](#footnote-ref-24)
25. See Ep. 2| IV/7/25. [↑](#footnote-ref-25)
26. “If someone were to say that he had a clear and distinct, i.e., true, idea of a substance, and nevertheless doubted whether such a substance existed, that would indeed be the same as if he were to say that he had a true idea, and nevertheless doubted whether it was false (as is evident to anyone who is sufficiently attentive). Or if someone maintains that a substance is created, he maintains at the same time that a false idea has become true. Of course nothing more absurd can be conceived. So it must be confessed that the existence of a substance, like its essence, is an eternal truth.” (II/50/13-19). [↑](#footnote-ref-26)
27. Still, since in E2p46 and E2p47 Spinoza argues that even our inadequate ideas involve cognition of God’s essence (see Melamed, “On the Fish’s Knowledge”), and since God’s essence is existence (E1p20. Cf. Melamed, “Deification of Existence,” 87-98), it seems that in the final version of the *Ethics* Spinoza would rather make the claim that conceiving the essence of substance involves existence strictly universal. [↑](#footnote-ref-27)
28. Curley adheres to the manuscript and has here A3. Gebhardt and Mignini emend to A2. Since the modal distinction is discussed in A2 but not in A3, I tend to accept this emendation. [↑](#footnote-ref-28)
29. Or alternatively, “understood through.” [↑](#footnote-ref-29)
30. CM I 2 | I/238/26. [↑](#footnote-ref-30)
31. Spinoza discusses the issues in greater detail in E2p8. [↑](#footnote-ref-31)
32. Perhaps better “lordly,” thus affirming in a traditional language that God alone is the Lord. [↑](#footnote-ref-32)
33. “Outside it there is no essence or being” (I/116/31). [↑](#footnote-ref-33)
34. Spinoza, *Collected Works*, I 150, note 1. Cf. Von Dunin Borkowski, “Erste Anhang,” 63. [↑](#footnote-ref-34)
35. Of course, there might be (and indeed there are) *gaps* in the four demonstrations, but nothing in these demonstrations indicates that the text we have ever relied on definitions. [↑](#footnote-ref-35)
36. Steenbakkers, *Spinoza’s* Ethica, 158. [↑](#footnote-ref-36)
37. Descartes, Second Set of Replies, AT VII 156-7| CSM II 111. [↑](#footnote-ref-37)
38. With the small exception of the vague claim that “That there are not two equal substances” (KV I 2| I/20/4). Spinoza’s justification for this claim (I/21/3-6) is also completely different from the crucial requirement –both in KV-A1 (A7) and E1p5 -- not to make the individuation of substances dependent on their modes. [↑](#footnote-ref-38)
39. KV I 2| I/29/24-29. Italics added. [↑](#footnote-ref-39)
40. See, for example, Garber, “Spinoza’s Cartesian Dualism.” [↑](#footnote-ref-40)
41. In passing, let me note that the Second Appendix to the KV seems to cover, more or less, the content of the first half of the second part of *Ethics*. This appendix, however, is not written *more geometrico*. Perhaps this was an embryonic draft which Spinoza intended to recast in a geometric manner. Regrettably, Spinoza’s correspondence does not provide us with much information on the development of this part of the *Ethics*. [↑](#footnote-ref-41)
42. See Buffa Battisti, “La dimostrazione,” and Hubbeling, “The Development.” A reconstruction of the lost enclosure is translated by Curley in Spinoza, *Collected Works*, I 166, note 6. [↑](#footnote-ref-42)
43. See, for example, Ep. 9 (IV/45/35-46/24). [↑](#footnote-ref-43)
44. Hubbeling (“The Development,” 65) wonders why Spinoza used fewer axioms in the enclosure to Ep. 2 than in KV-A1. The answer seems to be straightforward: an axiomatic system which contains definitions is more powerful, and can *prove* what would otherwise have to be presented as axiom. Thus, for example, Axiom 1 of KV-A1 would appear as a proposition in later drafts of the *Ethics*, once the definitions of substance and modes are introduced. [↑](#footnote-ref-44)
45. Both Mignini (Spinoza, *Korte verhandeling*, edited and translated by F. Mignini, 773-86) and Hubbeling (“The Development.”) contend that KV-A1 is earlier than Ep. 2 and its enclosure. For a dissenting view, see Buffa Battisti, “La dimostrazione.” Cf. Steenbakkers, *Spinoza’s* Ethica, 157. [↑](#footnote-ref-45)
46. A notable, and understudied, exception is Jean-Baptiste Morin’s 1635 theological treatise, *Quod Deus sit.* [↑](#footnote-ref-46)
47. AT VII 13| CSM II 9. [↑](#footnote-ref-47)
48. AT IV 128| CSM II 92. [↑](#footnote-ref-48)
49. Schelling, *Presentation of my System of Philosophy* in Fichte and Schelling, *Philosophical Rupture*, 141-205. For a study of the *Darstellung* essay and its relation to Spinoza’s *Ethics*, see Melamed, “*Deus sive Vernuft*.” [↑](#footnote-ref-49)
50. See Hegel, *Science of Logic*, 11.377, and *Lectures on the History Philosophy*, III 263-4. [↑](#footnote-ref-50)
51. Many gaps in the *Ethics* can be easily bridged by making explicit premises that were demonstrated – or affirmed as definitions and axioms -- in earlier parts of the book. Other gaps are much more troubling. [↑](#footnote-ref-51)
52. See TdIE, §§94-7. I am indebted to Dan Garber for raising this second question. For an insightful discussion of the nature of definitions in Spinoza, see Brandau, *Spinoza on Definition*, 5-58. [↑](#footnote-ref-52)
53. Avot, 2:16. [↑](#footnote-ref-53)