Mannatah

n.1. Having discussed in a dialectical way how many are the primiples involved in becoming, we have come to the conclusion that they are at least two, but not more than three. We must now try to establish the truth: Just how many are they?

First we will show that in <u>all</u> natural becoming three things are involved. (In the next lesson we will go on to show that the principles of absolute becoming are three.)

n.2To make the first point we must begin by considering becoming, in a very general way, that xwill zapplyze as applying to every kind of change. For in every change there is axbecoming something that becomes, such as that which from white changes it to black, from white/becomes non white, and from non white it becomes white; and so it is in other changes. NEWXXENERER

Now the reason wax we follow this order from the more general to the less general is that the more general, known while more confused, is also more known to us.

n.3. First, we must establish certain things which are required to manifest what we intend. to manifest. The first of these is a division; secondly, we must bring out the differences between the parts of this division.

n.4. First, in EVERYZHOROMINGX all becoming, either one hand thing becomes from another thing, which is the case in absolute becoming; or, NEME from being thin so and so, a thing becomes other, what as in the case of a thing becomen, not absolutely, but as to somethin An instance of the first would be the ZNAKZKERBXENIENZEMESKEROMZ THE ZNAKZKERSKERMESKEROMZ THE ZNAKZKERSKERMESKERMESKEROMZ THE CARREST Socrates, who becomes from seed, or the oak tree from the acorn; of the other, Socrates who, in anger, turns pale; or the oak tree turning colour.

From this it is plain that all change has two terms. Now these terms we can express in two waxx different ways: either

as simple, or as ENDERIENE composite. (We are of course referring invally to our way of speaking, which, as we shall see, has some foundation in the things expressed. This does not mean that from our way of speaking about things, which reflects our knowledge of them, we conclude to the things themselves. A definition is something complex, while its definitum man be simple, such as the unit, whatever or the point. What the foundation of our way of speaking of the terms of becoming, now as simple, now as composite, it will have to brought out in the course of the argument, by way of induction.

We express the terms of becoming **nxaxsimple:** as simple when we say, for instance, that a 'A man becomes literate.' The **me_occurs when we say 'The illiterate becomes literate.' (But we would still be expressing the terms as simple if, instead of 'illiterate' we used 'non literate,' for, though grammatically complex, 'non literate' still singifies the term as simple, seeing that the 'non literate' is not a man on the one hand, and a 'non literate man' on the other: it is the same individual who is both a man and non literate.)

That was a first way of speaking. But the terms are EMEM severally complex when we say 'The illiterate man becomes a literate man.' In other words, when becoming is attributed to man or to illiterate, each term is simple, so that that which becomes, we namely that to which becoming is attributed, is signified, with regard to becoming, as simple; while that at which the becoming terminates, and which is said to become qua simple, is *literate; * as when we said 'A man becomes literate,' or 'The illiterate becomes literate.'

But, when whereas in the case of 'An illiterate man becomes a literate man,' both terms were expressed as composite, only one of the terms would be composite, and the other, simple, if we

said 'The illiterate man becomes literate; that to which the becoming is attributed would be expressed as a composite term#, namely, 'The illiterate man,' whereas that which he or that at which the becoming terminates, becomes, namely 'literate,' is a simple term.

5. Now we must bring out the differences between the foregoing ways of speaking.

The first difference is that in some of the preceding cases we use both ways of speaking, namely that 'this becomes that,' and 'from this becomes that.' For we say that 'The illiterate becomes liberate, and that that 'From the illiterate becomes the 'the literate.' But we do not use this way of speaking in all cases; we do not say 'From a man he becomes literate.'

What we do say is that 'A man becomes that literate.'

The sedond difference is that when we attribute becoming to terms that are both composite, namely to the subject and to its opposite, one of these terms is permanent and the other is not. For when someone has become literate, he remains a man, but the opposite of literate does not remain. And it does not matter whether the opposite be x purely negative, as when we say 'non literate,' or whether it be something privative or contrary, such as 'illiterate.' Note, further, that neither does the composite of subject and the opposite remain: for the composite fife illiterate man' does not remain once the man has become literate. All the same, becoming was attributed to all three of these terms, for we said that 'A man becomes literate,' that 'The illiterate becomes literate,' and that 'The illiterate man becomes literate.' Now, of these three terms, only the first, namely man.remains when the becoming is completed, whereas the other two do not.

6. We are now ready to show that in all natural becoming

three things are to/found. It is obvious that in becoming
there is always something that becomes. As to the other two
terms, you will notice that in EXERCITED EXECUTED All things
that become according to nature there is always something
subjected, to which the becoming is attributed. Now this term,
identical
although will one in number and or EXEXIM subject, is not/mmm
MANNEXAMERES ZEVER END in kind or notion. For when we attribute
'to become literate' to a man, the man is one in subject, but
twofold in notion: the notion of 'man' and the notion of
'illiterate' are not the same notion.

8. Now we must make Hour point concerning the things and berify, as divere, themselves, particles our way of speaking about them.

For the latter has so far been no more than an indication.

It remains to be shown that the real subject to which proved becoming belongs is twofold in notion. This can be in two ways. First by the fact that the in the very subject to which becoming is attributed, there is something which remains and something that does not remain; for that which is not opposed to the term of becoming, remains, such as the man who becomes that literate remains when he has become so; but the illiterate does not remain, nor does the composite of man and illiterate.

Hence it is plain that man and illiterate are not the same in notion, since the one remains and the other does not.

The same point can be made in another way. Taxzhezzhings

thatxdezmotzremaiax For in speaking of non permanent things fruck as
we say rether 'from this becomes that,' rather than 'this of the operation of the say that 'the operation of the say that 'the say that 'the say strictly as the former.) Thus we say that 'From the illiterate becomes the literate.' We also say 'The illiterate becomes literate;'
but this is per accidens, namely inasmuch as that which happens

in the present context will be made plain later, in the following lesson.)

(2/

But we do not speak in the same way about permanent things, such We do not say, for instance, that 'from a man he became literate,' but that 'the man became literate.' Nonetheless, even when speaking of permanent things, we do at time; say 'from this becomes that, as when we say that the statue AA/mante from bronze, or 'from bronze became the statue. And the reason is that the name 'bronze' is here taken to mean the shapeless, he he brough namely the lack of shape as compared to the figure of the statue. And we speak in this way because of the privation we have in mind. But though we say from this becomes that even about permanent things, both 'from this becomes that' and 'this becomes that' are more usual in the case of non permanent things -- whether the non permanent xex be the mere opposite or the composite of opposite and/subject. Notice now that this way of speaking about the subject and the opposite term does in fact show that the subject and the opposite, such as man and illiterate, though one in subject, are yet twofold in notion.

becoming there must be a subject. Here it to be shown by
way of induction, that is, by pointing to cases which warrant
generalisation. First we show it on the part of the things
that become; then from the various way in which things become.

First, then, we should note that the word 'becoming' has

that G an analogous torm, i.e. equival to design.

many meanings, Thus, 'to become absolutely is said of substances such as Socrates, or this oak tree. But a thing can also become 'as to something' namely as to something that inheres in the substance, as when a thing changes size of colour. These two

kinds of coming to be can be made plain in the following way. 'To become' implies a beginning in being. ('Being' here means existence, which is to be found only in singular things, that is, in individuals.) Now, if a thing is to become absolutely, this requires that it should not have existed absolutely before it became, which is the case of things that become substantially. For when a man becomes, not only was he not a man before he became one, but it is also true absolutely true to say that he was not. But when a man becomes white, timbely it is not true to say that he was not, before becoming white, before but that he was not recommendates such or such, e.g. white, tall, or may way a father.

as to something accidental, it is plain that they require a subject. For no accidents, such as quantity, quality, and so forth, of which there is becoming 'as to something,' cannot be without a subject; for only substance is not in a subject. (As we know sufficiently from the logical definition of substance in the Categories.) And now we come to a capital point: If we consider the matter carefully, it becomes plain that even in the case of substances, the become, free examples or arise, from a subject: for we observe that plants and animals come from seed. Here is the induction as regards absolute becoming. (Notice, however, that this subject known by induction, such as seed, is not the permanent subject, for the acorn disappears as the oak becomes. If there is to be a permanent subject in absolute becoming, it will not be of this kind at all.)

ll. Now we must go on to consider inductively the various or modes .
ways/in which thengs become. Some things become by way of transfiguration, in the way a statue comes from bronze: for the statue becomes when the bronze acquires this new kind of figure.

Other things become by way of apposition, as in things that increase, in the way a river comes from the streams or brooks. Still other things come to be by way of 'abstraction' (keep in mind the etymology of this term: ab+trahere), such as the image of Mercuby, which is produced by hewing away stone from stone. Then, some things become by composition, such as a house. Others, again, by alteration, i.e. change of quality, whether according to nature, as when an animal grows old, or according to art, as in cooking. Now in all these cases it is plain that whatever becomes come from a subject.

We must note however that nearly all the cases considered in this induction of the modes of becoming, are of aticifial things; and even those that are natural, such as the formation of a river, are not strikingly substantial. But in doing so, Aristotle may have had in mind the ancient philosophers who were conceived of natural things in the mode of artificial ones, as will be shown in Book II. It may well be that the Philosopher here does no more than provide us with those terms of analogies that are more known to us. For instance, to transfiguration we could compare transformation in the order of substance; to apposition, the elements of nutrition; to abstraction, generation and corruption; to composition, the gallering of Malwiel, tompssition that gold into the making of a man, such as molecules, cells, etc. Aristotle frequently proceeds in this was, assuming that the application is too obvious to be mentioned.

becoming is always something composite. And since in all production or becoming there is that at which the becoming terminate, and that to which the becoming is attributed—— which is twoxfold, namely, the subject, such a man, and the opposite, such as illiteracy—it is plain that in every becoming three

things are involved: (a) the subject, (b) the term of the becoming, kex and (c) the opposite of this term; as when a man becomes literate, the opposite is 'illiterate,' the subject is 'man,' and 'literate' is the term of the becoming. In a similar way, shapelessness, informity, and disorder are the opposites of shape, form, and order; but bronze, gold, and stones are subjects in artificial things.

Phys.I, lect.13.

I m. Having shown that there are three things involved in all natural becoming, it remains to be shown how many are the principles of nature, and what they are. Notice that so far we have not qualified the 'three things involved' as principles. Besides, we have done no more than in establish the terms of a proportion in the principles such as 'bronze, 'takpaterent' shapeless,' and 'shape' or form.

The first thing to be pointed out now is that there are

two per se principles of nature. (Just what does the word immittee nature nature nature nature nature nature nature mean, in this context? For it is to be noted that/thin the nature from art, we currently use the word 'nature,' and distinguish/itxfermxxerty

swem as we distinguish eyes as being from nature, and spectacles from art. All the names and their corresponding notions

Secondly we will show that become gradually more determinate and distinct.)/The third is a principle per accidens.

Regarding the first point to be made: Therexthingx where We call those things exited/principles and causes of natural things (such as horses, trees, etc.), where of which these are made up or from which they become per se, and not per accidens. Now, as we have seen, whatever becomes, is and becomes from a freeze subsject and a form. Hence it is that subject and form are per se causes and principles of whatever becomes according to nature.

Phys. I, lect. 13.

n. 2. There are two per se principles of mature.

M. Those things are the principles and causes of matural things, which are such that they are that of which the natural things are constituted and from which these become per se and not for accidens. [For instance, the green leaf is a composite of " leaf"

and " green," and when this by leaf turns red, this composite, namely of "less" and "led", becomes, and then is a "red leaf."]

Now, everything that becomes is and becomes Happed from, a subject and a form.

Therefore, the subject and the form [Whichever these may be] are per se causes and principles of whatever becomes according to nature.

Ad Minorem.

(M.) Those things into which the definition of a thing is resolved are the comments of the thing for a thing is recolved into those things that groups the late of which it is composed.

(m.) But the very notion of that which becomes according to nahve [e.g., a green leaf that becomes led] is resolved with a subject and a form I leaf, the subject, and "green" or 'red', the form]: Just as the notion of musical man is resolved into the motion of man and the motion of musical - for if one wanted to define 'musical man' one would have to define both man and musical; he

would have to provide two definitions. (C) Therefore, that which becomes according to nature, is sport therefore constituted of a subject and form and becomes from a subject and a form. [E.g., the great leaf' is resolved into 'leaf' and 'green'; or the green leaf that becomes red is resolved into leaf and red? Notice that these, namely subject and from, are not only principles of

becoming, but also of being.]

Not true of definition of a simple of wid.

homo musicus: duplex definitio n. 3. There is a third principle of nature, but this is a per accident principle.

The subject, as districtuished from the form [e.q. the leaf as districtuished from its actual color, namely "green"], though one in number, is two in kind and notion, as was shown. For a man, or a piece of gold, or any such material thing, has a number: for in such a subject we may consider that which is positive in it, and from which something becomes per se and not per accidens, such as "man" or gold"; and we may also consider something that occurs to it, such as, in the case of man, to be unskilled, n, in this case of gold, the shapelen — and these are privations. [In the case of the planelen — and these are privations. [In the case of the proposed leaf, leaf is positive, "non-red" is privative.]

There is, of course, a third principle besides the him just mentioned, manufy the form, in the way that the arrangement of a house is its form, or music the form of the musical man, or skill the form of the erafferman, or any other thing that is predicated in this way. [Notice that what is here called third is need to hat which is befored to in the hite we gave to this number, for the third principle in this little is not form, but principle.]

And so the form and the Euglist are the per se principle, of that which becomes according to nature; whereas prination, or the opposite contrary, is a principle per accident inasmuch as it is something which occurs to the Euglist. This may be likewest to theway we say that the brilder is per se the tikewest to theway we say that the brilder is per se the tikewest cause of the cause; that is, is per accident the agent cause of the cause; that is, is per accident the builder happens to be a musician. And insofar as the builder happens to be a musician. And in this way the publish man' is the per se eause of in this way the publish man' is the per se eause of in this way the publish man' is the per se eause of the cause and principle of 'musical man' - for musical the eause and principle of 'musical man' - for musical the eause from 'mon musical man'.

n.4. Privation is per accidens aprinciple not only of becoming but also of being.

> Someone might object that no privation occurs to a subject when this subject is the subject of a form. For instruce, the getterleaf'is not the subject of the privation of sand " green? Reply: this is true. But while it is green, MANA

the leaf is subject to the privation of red.

[This number is difficult to interpret, as one can see pour the fact that a red leaf can no longer become green. St. Thomas's argument repuires a lengthy and involved Eplanahon to show its true validity.

Briefly, however, the point St. Thomas wishes to make is that the privation itself is not an applied to a form a au inchoate form. And this he shows by the sample of the musical man who, now being musical, is non longer non-musical, that is, he is deprived of the privata 'non-musical? Now, the privation of a privation is planity not an applicate to some

n.5. From the truth that there are two per se principles of becoming, and a third per accident, all the heceding difficultés can be resolved.

(a) We conclude, from the foregoing, that in one sense we must say that there are his principles, namely when we me. per se minciples; and that, in another sense, there are three per accidens are three hamely when we take the per accidens principle along with the two that are per se principles. (b) We can now see in what way the principles in question are contraries, and also in what way they are hos contraries. For histance, musical and non-musical are contraries, and so are warm and cold, consonant and dinonant. But these would not be contraries

if we considered hem without their subject. And the reason for this particular forms is the general principle that appear a contrary cannot affect its opposite accept by reason of their common subject. I mean that sickness, for xample, spells health from the same subject. But if sickness were in one subject, e.g. focratis, and health in another subject, e.g. Plato, they would not be conharies in this egand. While contraries concern the same subject, such as health and sickness in focrates, they cannot be together in the same subject at the same time: the presence of one contary soludes the presence of the other from the fame subject - but not from another Lubjet, for the sickness of focustes does not Reliede health from Plato. in this purhinter respect, the himtor of principles is realer than the humber of principles white of the files was principles, are pur se principles, the files the principles are wer entirely just two, because one of these how is in fact also something else, since the subject 5 twofold in notion, as we have seen; In other words, since one of the two per sofrinciples, toward namely the one that is the subject, is in its him hosfold, there are, then, in this sense, three principles . - Heave we can see how the your arguments in favour of two trincales, and those in favour of three, were relative

the but not entirely so!

mon-musical, ace browns and sharefer, slifter in notion.



We now conclude that, in this particular regard. the number of principles is not greater than those which we called contraries or contrary principles. But, on the other hand, we saw that there are only two principles which are are per se principles, namely the subject and the form. However. these two principles are not in all respects just two, seeing that one of them, namely the subject, is in fact also somthing else: for, in the case of non-musical man, 'man', which is something positive, and which is one notion, and 'non-musical', which is something privative, and which is another notion, we have to do with an identical subject which is nonetheless twofold in notion. And the same is true of 'bronze' and 'shapeless': the bronze is something positive, whereas its shapelessness refers, as a privation, to the orderly shape of the statue, which may be imposed upon the bronze or into which the shapeless bronze may be cast.

In other words, since one of the two per se principles, namely the subject, is in its turn twofold, that is, in notion, there are, then, in this sense, three principles: two per se, and one per accidens.

And now we can see how the arguments in favor of opposite positions concerning the number of principles--now leading to two, now to three-- were relatively true, but not entirely true.

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Phs.I, lect.13.

n.6. Now to show in what sense two contrary principles are needed, and in what sense not.

It is plain, from the foregoing inxubatxwammer, how many the principles of the generation of natural things are, and in what sense they are that many. For it was shown that there must be two contraries, one of which is per se a principle the other, per accidens, namely privation. We have also seen that something underlies these contraries, and that this underlying principle or subject is a per se a principle. But there is a way in which one of the contraries is not necessary to generation; for it is enough that one of the contraries should bring about the change, now by its absence, and now by its presence. For instance, in the case of non-musical man becoming musical man, non-musical is excluded by musical, so that in this respect non-musical brings about the change to musical by its ANNEREE becoming absent, and finally it is absent; whereas musical brings about the change by its becoming present in the man, and finally it is present.

when Socrates from pale becomes red; and of absolute becoming, as when something becomes a man from non-man. For even though here too there is a subject, as we shall see presently, it is not a subject just as Socrates is the subject of paleness or redness. For if this were the case, there would be no substantial becoming: Socrates would be something of something else as his color or size are something of Socrates. And so it is that in every change there is a subject, a form, and a privation (e.g. Socrates, red, and non-red--I say non-red, for pale is not the privation; pale is a form); but there is not in every change a subject and two contraries. In other words, there can be no opposition of contrariety between substances. For there is no subject prior to substance, seeing that substance is what is in itself anxd not in another. (As we shall see, there is a subject which can be within the substance as part of it, but the substance itself cannot be in something else that is no part of the substance.)

an animate being is generated from an inamimate one. Now, animate and inanimate are contraries, and I mean that inamimate is not just a privation of animate, just as irrational is not just a privation of rational, for a horse, say, is not a man minus reason. The answer is that while substances cannot be contraries, but which are something of the substances, namely by which they these differ one from the other in species of kind, these specific differences have an opposition of contrariety between them.

n.9. If in every becoming there is a subject, and if absolute becoming (which was distinguished from becoming as to something, in the previous lesson) is indeed a becoming, then here too there must be a subject. Before going on we must recall that when **RXEMERER** an oak-tree becomes, absolutely, it comes from an acorn, and the acorn came from another oak-tree. So there was something before the oak-tree became, and out of which it became. Neither the seed nor the tree came from nothing. So that there was a previous subject, namely another tree, or the seed.

Remember, now, that in becoming, the subject must be permanent, as when a non-musical man become a musical man. But seed, or the tree from which it came, are subjects in the way that a man is.

namely the seed or the tree from which it grew, so, if this subject remains, there is no absolute becoming. Hence the subject from which something becomes absolutely, cannot be of that kind. Yet, if the oak-tree comes from the seed, and if the seed is not the parmanent subject, for the seed is corrupted, nonetheless and yet the tree does/come from the seed, there must be in the seed a subject that is not the seed itself, but something of the seed: a subject such that absolute becoming is still a true becoming.

Such a subject is neither a tree, nor a seed, nor a man, nor any determinate substance; if it were, there would be no absolute becoming. Still, we come to know it by reason of the tree, or the seed, or the man. In each of these there must be that by reason of which the oak-tree is an oak-tree, the acorn an acorn, the man a man. This we call the form, by reason of the proportion with shape by reason of which we distinguish acorn, oak-tree, and man, one from the other. Notice, now, the difference between the shape or form of the oak-tree or of the



acorn, which we can see or feel, and 'the form of the oak-tree' when 'form' is here extended to mean that by reason of which an oak-tree is an oak-tree and not a maple-tree or a horse. Form, in this extended sense, is neither seen nor felt. Yet it must be, and be that by reason of which these things differ in kind But the subject of such forms, since it cannot be a 'this thing' like a tree or a man, for then there would be no absolute becoming, is such that it has no form of its own prior to the form by reason of which this subject, say a tree, or a man, is a tree, or a man. It is the subject of such forms, and these are in this subject without any of them being in this subject prior to any other form.

We have just seen that a subject such as an oak-tree, or a man, are known by reason of their form (in the extended meaning of this term 'form'). But if the subject of this such forms has no form wzwerzkhaz of its own other than these, it cannot be known in itself; it wean be known only as the subject now of this form, now of that, but never without this or that form. And this is what Aristotle means when he says that the subject of absolute becoming, i.e. the permanent subject by reason of which it is a true becoming, and which St. Thomas here calls "prime matter", cannot be known by itself, "for whatever is known, is known by its form; whereas prime matter is taken as the subject of every form." In other words, there is no subject prior to it, for, if this were so, it would be either a complete substance; and so there would be no absolute becoming; or the subject would be in its turn the form of a perior subject, and so on ad infinitum, so that nothing would ever be itself, but always something of something else, as an accident. And every change would be like that of Socrates becoming red from pale.



But if prime matter is not knowable in itself, seeing that it has no form of its own apart from the form which it happens to have, how do we know it? We come to know it, Aristotle says, by proportion. Here is how St. Thomas explains this:

We see that the wood which now makes up a table. now a chair, is something distinct from the shape of the table and the shape of the chair, for now the wood has one shape or form and now another. Similarly, and this is where grasp a proportion, we observe that the thing which now is an acorn, then/an oak-tree; and so we are compelled to say that there is a subject which is now the subject of the form the acorn, and then the subject of the form of an oak-tree. This subject is therefore something apart from the form of the acorn and apart from the form of the oak-tree, in the way that the wood is something aft from the shape of a table and from the shape of a chair, although it does always have some shape or other. And so we come to understand that that which is to the natural substances, in the way that the wood is to the table or the bronze to the statue, and any form! material thing to a form, so is this first subject, which we call prime matter, with respect to substantial forms.

Now this subject or prime matter is one principle of nature Eut we must be careful to point out that it is not something that is one in the manner of a this, as this tree of this man; that is, in the way of an individual that we can show to sense and grasp as this individual, say Socrates, as if prime matter actually had a form, and a unity all its own. So, when we call it 'being' or 'one', we name it this way only inasmuch as it is a potency to form. It is, proportionally, in potency to this or that substantial form in the way that the woofi is in potency to the shape of a table or to the shape of a chair, a broomstick or of tooth-pick.

Besides this subject there is another principle

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of nature, namely form. This is also called "ratio", which means the same as "reason" as in "the <u>reason</u> why this is so-andso. It does not here mean Wreason" as in "the faculty of reason."

The final, thord primiple is privation, which is contrary to form.as St. Thomas says. In connection with this two things x should be noted: (a) there is no opposition of contrariety between the subject and the privation, nor between the subject and the form, since the subject can be the subject of either; the opposition is between form and privation, which exclude one another from the same subject: thus blindness excludes sight and sight blindness. And so it is, proportionally, of substantial form and privation: a thing cannot have the form of man/and the privation of this form manzizezxzhexemenzmexmanx(The form of mmxman/can be said of the form of a horse; but the form of the horse is not exprise the an elephant. the privation of the form of the form of AXMAM an elephant is in the Horse along with the form of the horse. The privation in the subject, prime matter, is therefore always the privation of a form other than 1/4 the one which is now (b) When we say! that substantial form and in the subject.) substantial privation are contraries, we must not understand contrariety in the strict sense that was taken when we spoke of black and white, or hot and cold. They are contrary only in a broad sense of this term.

Now we know how many are the principles, and we know what they are, in the manner explained.

Phys. I. l. 12. (C.7) I In quellet fieri naturali tria inveniumber. is de gauratine et fastine in communicail omnis spicies mulationis: hieras prime - In every change a tecoming : e. f. (from white, to back, dière commune I from white from white pom mon while bolack (a) Quaidam necessaria aid proposition ortendendum: to the say that one thing comes from another, and from being such to theing other I in one way, 6 teins in another way?" [139633) both in the case of simple and comply things. All cliange implies how terms. But these terms can le Eprened in hor ways: either as simple or as comparte. Eg, Tonutimes we say "Han becomes musical". In this ease the terms are simple: 'man' and 'musical! The ease is the same when say 'not musical' becomes musical' - for the negation does not alivide, here.

(Nor is non-nuscial tole inclinated as an infinite

(Nor is non-nuscial tole inclinated as an infinite

name; for as a negation within a games shill, earled therein.) But, both terms become servally complex when we Say " He not musical man becomes a musical man," Attel one of the hir is complex when we say " the not musical man becomes numical." [Importance of our way of spending as a sign of what we know, and this of things.] 20 We like his ways of spanding of these things, but not both he viry case: e.g. "this becomes so and -so", and, " him this becomes that", as " hom being not musical comes tote minuse." But not in all cases we ac not say " from being a man he came the numeral, but my "the man became nucesical." A further de flerence tehrein theapre mentioned cases: When becoming is attributed to two simple terms, one of there terms remains, is permanent, while the other does not For the man whe, from not-musical becomes musical, remains a man, but not qua net musical.

Yet, leconing has attributed in all three cases: - "Han becomes musical." - "Not-musical Mappe becomes musical." " Not-musical man becomes musical" They be first, viz. 'man' remains, once the becoming is accomplished. (b) Mendit proposition (190 a 13): in qualiter factione naturale tria: 10 1 wo things are to be former in all natural becoming . - there is always an underlying something, namely that to which which becoming is attributed; - "and this, though one numerically [in in subject ,] nouekelen, in ferm [or notion] is not on identical. For when lot say that a man becomes musical", the man is one in subject, but surfold in notion: for the notion I man and the notion of not-musical [man] are most the fame whom: "to be man" to not the same as"to de unmusical." Findly, it is obvious that, in becoming, something becomes. In Troop of whent was stated: Tay That the subject to which becoming is cutributed is hufeld in nohin: Two ways of showing this: (x) In such a subject, something unist, and something does no that which is not capased to the term of becoming remains: in the Gample, man; but not musical aves not, weither the simple term not musical? un the composite 'not-nusical man'. (B) In the case of non-perminent things we say, tather than " this becomes that " (though not always): In we say "to become musical from not musical, and not "from man". We also say " the - not-nusical becomes musical", but this is per accircleus, inasmuch as that which happens ble not musical becomes musical.

But of permanent huys we do not speak in the fame way We do not say I from man he becomes musical", but we say that "a man becomes sussical. Nonetheless we do, at his, say, even in the case of What is permanent, " pour this becomes that , as in "pom bronge lecomes the Stabue." There is a reason for this : of n. 9: " sed tie contrigit ... This explained Mik VII, 6, 1416. Then S. Th. argues: "Ex hice eye ipse quod constante diverso modo loquendi utimur... sunt duo tamen ratione." n. 9, fm. [6] Menslet: in immi fathine naturali operate em subjectum (x) Prolane live per ratinem, i.e. lagice, permet ad Gelaph. (B) Hie tiper induchmen : O & parte course quae fint; Fierisaid Joffazios, mulipliciti First Mid distinction: "tobecome & 71 lis", simplicites, absolutely, and "to become tobe so-and-so", recundulm quid. Absolute becoming is of sulstances only; relative tecoming (i.e. as to something else) of ail other. Here, Arist's Hyt 190a 33: "Now, in all cases other than ... and plants from seed." Now 1 Themas: "Er hoc idio ... , n. 10. Note that this subject, e.g. an acom, is a determinate one, established by induction, by a demonstratio ad sensum repeated.

Ex parte modernin hendi, patel sulp chim: shown by incluction of various ways in which something evenis above to point out the sulper:

- by charge of figure : statue pen bronge rues rivulets.

- by apposition, as in increment: a stress pom chapo of water. - by absteachin: us a statue from stone. - by composition; as a house - by alteration (change of quality), as when the matter emeloyses relarge. Here et Thomas adds a note: Led advertendum---30 Concludit proposition: id out attributur fiere semper en composition. Achally, three things are implied in becoming: (a) That ar which the lecening terminalis; e.g. musical. (b) That to which becoming is attributed, and this is horfold: (b) the apposite of what the subject becomes: not-music (x) the subject: man de tho 13 (C. 7, sep.): How many are the principles of section. 10 The per se principles are two. M. We work say that the principles and courses of natural things there of which they are emstituted and peraccides. m. But whatever becomes, is and Lexings comes the c. pou a sulped and a form. I Hence these are per se causes and principles of whatever becomes according trapire. Hino proved tha: Those things into which the deprichen of a thing is analysed, are also its components. But the notion of what becomes according to realise is analyzed into subject and Jorm: as the rwhin of 'musical man' into the notion " man" and "musical". Sof Thomas note principle non Foliam painer. M. 2, fin. This is only an analogy.

(n.3) There is a third, but it is a principle "per accidens"! While the subject is numerically one, it is nouthless musheless that in which thatter is " 2 p. 6 pm Th" - numerable. c/ f. Th., n. 3. _ The splanation of S. Th. implies a difficulty toward be replies in Al Princ. Nat., c. 2 (Paisson's edit.) birca n. Q: negation of negation. de Vez, 28, 6, c. 3. Filist omner dubitationes praccedents (n. 19) - Concludit gone due et feore tria principia, - Et pomo comparia a giomo non: 1. X1, n.9} V- contr si suponine suljectum, za hum keyen adiur patundar - huncirti. L'antraria atcipiunhu sine subjecti. N.B. Frma et sul non conti.; ne priv. et subject. Uncle antique clientes contraria, sec, aliquid ven, un tabaliter 3t l'hum semper representer contraria sel non. (n.O)
Another seuse in which only two: publich, and from I be remen Note Littis "Poundum", n (7): (a) - mohis: de une affirman in alice affirmann: de alloin uign - generatio: de regato in affirmation: de allo in allum, etc per housine inhomente. - correptio: de affirmate in napations: de albe in non allem de horise in non tyninem West, in meta, duo contrain of inner Sulf ofrom. fed in jen-it ein, preisenter cuies continue et abentia
ejus; quae so privatio. (1) Quainam opposition quaenum um in substantiis (a.8) Finaly, Le maniferts these principles : (n.D) The ultimate (prima) subject cannot be known aboutely. Anargy with steam.

Is known " KaT' and lojian": "Secredum poporhousen"

Collins on 100 of 12100 VII, 62, 1277, 14 Net ex "hee aciquid", i.e. individuum demonstrehum. of notes after ason 13.

Shyp. II, led. 1 (init. c. 1) Book I: on principles of subject qua ens mobile: de subjects ut & principiis composito. Book II: on subjectem scibile; hence we must determine " z quitus demonstrat "ista scientà. Hence, this Book two parts: de quibes of ista scienta (quot modis - 4 quibes causis, l. 5. quot modis dicitm l. 2 louot modis dichnil 2 Quid sit natura: * Notifical naturam: (a) investigat def. naturae, m. 2-4. (b) condudit eam, n. 5 & Sinde cum. (c) zponit yesam, n. 5, & Quare autom... 2° Nobficat ea quae denominanter a natura, n. 6. 30 Exponit quid sit 'secundum naturam', n.7. 40 Excludit demansh..., n. 8. Comm. n. 2. Note S. Th's "dicimus quaedan ene a notura". Note the yangues forders : (a) animalia (b) plante (c) logna fimpl. Not called 'natures', but 'a natura'. Hence puxes hon: "What is this from which they come a keome?" Then we observe that the things called 'a napira' have in themselves a principle of mot and ust: Kidnesws Mai 674 E.g. growth and making. Then they make an induction of the krieds of nurrements said tole 'a natura': the order is that of manifestum: { local alkrahm

fie led. 1, sep.

Kelshir irrahimatik of nature: 2.9. ageus apoposito." What meant by " to have in themselves a junciple of MANANA change' is manifelied by opposition tradifacts: in these, no principle of change soups in virtue of what they are made of, 30. a wooden tad. [A confusion on this score will lead to a conception of nature as if natural things were human artifacts, in which the arty. from is accidental to nature : and the healter alone will be considered: as if, in makine, 'what the things are made of were also what they really are .. [[This a return to Presocration]]

A difficulty concerning the implication that they Kind of change in natural Kings, the principle of mot is in that which is in movement (in eo god movetur). Example: heating water: by an solimal agent. Itall, if this is to called 'a natura', the principle of this change must be in the water, for it is healed "nahrade" n'a natura'. But the principle is an solemal agant,

and not 'in eo god movehir'.

Some reply that there is always an again principle intrinsic to that which is said to change "a hahura" - qu'681, not a perfect me, but imperfect one helping the sternal agent. They conceive the prisation as an inchoation of form . - Note: this compision easily made: privation 's negation of a determinate form; house, the privation to is gomo determinate. And there is no pokery to from yeapt to the form of which there is privation. How It seems that something of this form is already there reforitis had.

'Sed hoc non potest esse..." The 'practicea' shows that this solution ment postponer the difficulty. Besides, it is contary towhat Aris. had establ.

in the last chapt. of Book I.

Phys. II, l.2, sq. e.1. Circa n.7:

Whatwer is denominated ecceives its manne pom the act that emespouds to it.

[Raho: Whatever is Known is Known from
the act. (This time even of potentia, which
fit means the power of doing counting.)]

Now, in the case of actions, the act is their received its name mucified thus needle cation is flavored took not from its frinciple, not from its frinciple,

But in the eage of passions, it is the term

But in the eage of passions, it is the term

which is their act. Thus birth, each of what is born, e.g.

is born, and by leason of what is born, e.g.

a man, the him of birth. The denomination

birth, like that of 'albatic', is taken from

birth, like that of 'albatic', is taken from

the from according to which the thing becomes.

the from according to which the thing becomes.

Birth is a via in maturam; but that 'in quad'

Birth is a via in maturam; but that 'in quad'

Birth is a via in mature is said of form.

Note the order and connection between arguments and crollaries in mn. 3-4.

Post have, we may ask toby the matter, too, should be nahne. By participation Shel, form would not be nature if matterwee not. For, without matter,

Peacheren, matter, qua nohme, also goldandir, Scil.

Peacheren, matter, qua nohme, also goldandir, Scil.

Ut propler firmam. memo Phys. I, l. 15.

Ut propler firmam. memo Phys. I, l. 15.

Nohn valde cliff. fehreen hahne here, and 2dadj. hurde.

Nohn valde cliff. fehreen hahne here, and 2dadj. hurde.

Asserver of reason not only because of inference, but already because of passage from Known to midriours, as in from compressed to district. Ha 'eus mobile' : re conpuse sous concretam quidailati saisibili.

de districte : inpurpation mobile.

3º deprenations lut surperium nuches so lugies deficirone. Lib. 1 Confere: eus praid enum, concrehen quiddilate sawihi.

20 districte: subjection motus, motus esquitus at nomen: eus motile.

30 districte opt ad principia: subjection Tou firi simpliciter,

30 districte opt ad principia: subjection mat. forma et principio.

Lib. 40 Exquelty cause densantantes es de natura de puin equisi...

Lib. 40 est propriesen subjection motors & due per defuntame.

Tohum universale: adest cuilibet parti secundum

totane suame esentiam et virtulem, est animal homini et equo; et ideo proprie de de sinepulis partitres praedicatur.

integrale: mon est in qualibet parti, reque secundum totam exectiam, reque sec. lotam virtulen; et ideo mullo modo de singulis partitus prudicatur, sed aliquo modo, licet improprie, de omnibus simul: ut si dicamus quad paris, lectum et fundamentum sunt donnes.

totane suam essentiam, sed non secundum botane virtulium; ides pomo potest praedienci de peralibet parte, sed non ita proprie siner totane luciversale. Eta merunia, intelliquetia et voluntiis sunt pua mimae essentia.

I247,1,1m

If there is to be serience in the sense bere in tended, we must presend from inder. Sensibe matter: otherwise ero, acheal intellepibility. This common ball the sections. (Russell and Whitehead on our side, live.) The concrete things surrounding us, utterly dark. We must disting these meanings to moderstand the *aliquality?
For, as we shall see, we must abstract from this matter; but not common sm we may abstract from sensible matter altopettus; in math. frially, even from intelligible matter. [First, at least negatively, as in lagric.)
Then in metaphysics. "-- flandem get alique diversimo de se habent --- But just how? "Russus..." Their provides the proper principle for the division ... : sepinition medium and principle of demonstration. But why should different modes if defining establish différent pennies? Se lefers & common principles, but there, by themselves, are not juniciples of demonstration. The principles must be appropriate to the subject. These Dulich are of various kinds, ut in no 2°. These imply three widely different kinds of abhachin. Environal nature of "esse", the oral lorm: here: these thrugs cannot be what they are without sensette matter. To define without s.m. things that cannot be without if does not refer to things that cannot exist, in the Singular, without it. This introduces the notion of Lopos is an species or ratio that is proper to mollen. This analogical term: und, speech, anha, species deffers pour the deprivable species of natural proportion, etc... Things in that carnot have a cuhar scept in abstruction. It also differ from definitions according Here ratio definable williar Fersible m. - - cf. de An-I, C. 2. A depuihai of nahnal things without perisible matter is "per précien lanhem" and dialectical or lagital, and therefore visufficient in this piled. But mathem is not condined with this rind of eru;

10 Physics - Shall see reason for this letter. It is a jewed whod-sensy of the problem. (nn. 1 to 4 inches.) Corpus of Aushtle's Nahwal Works: Méafine Sthomas provides à "procemium" le print out the Sulje or of the seunce and the place of notice. amongso the other sciences. The "procession" is that of the Mayter, Who is a melaphypician; it is not natural. Much of what he says muss be taken for granted. These are "positiones". However, many of the points treated here have already been Jakin care of in the Post. Anal., espec. burned the end of SI (lect. 41). This worth mentioning: Mar. plut., as any to purmed for its own sake, frisnypuses lagic - eventhough "habet maximam diffécultatem." Just as logic general inhood to the scriners, plut, of makine and aucusary to metaple, - and the provides a proximate approved to metaple, - and we shall see in the course of their procession. We will go Through sapielle - for the subject is the present owner of infinity. To, a Rhie liber Physiconim".... Quid suffette sciae? That about which we seek so. Knowledge. Quid objectum? That which the seek toknow, nl. conclusion. - materia et Subjection Fur ther dis brichins "Seiendum & igihn...., Note "scientia" execuscal lem - already in Aristoble and even beforehim. Today mon than ever. A consilio. Knowledge in knower. Intellect. Knowl. is willed. Tikelligibile in acht est inhelleches in acht. Herve, of the Knowable is not in itself actually intelligible, A must-be made so by us. If oud an and coupies and not the same, then the thing is will ip, and is protoney. It is a A "this" that owns its May shahes to sociathing retrieve toward it is. This Expuisic foresting is individuating matter, But matter, richie, is an analogical term, here we must take into account 3 meanings; findir, seus, matter (common saisible mater thips. 11 dect. 12

Faut noter que les ancières avaient soit suie tout devenir, In leconne un devenir de curpace que up appelous accidentel. Même Anaxagne reposert le reconnaître Juisque tout dusit frégister : un deveuir lingelement phériomenal.

Nons lupposons qu'il y a un dereun abrolu, p. g. de locate en tout homme. Nous Exposors la subtince

des catignes, laquelle et une par soi.

A la leçon 10 ma mentre pue los les ancieus ont Atre des principes contracies, même Parmenide.

Ensuite, n.4, que ce n'es par n'importe quel contraine qui vient d'un contraine qualconque. Sinn, le blanc devient non-blanc, il chand par accident. Les Con "oportet quod id quod per se aliquid pro, er in qued per se aliquid carrumpion, ble sir quod in sua ratine includat non une your puod fis bel corrempiter."

Pris, loca " All mones deux, et trois enfisions.

Personation escalab this Knowld.

Phenom.?

12 seux de dialestique pas speciem tantomo? 2° seass: plupque mais incertain

ij

Thep. II, L. 4 (59. C.2)

Ad quid se schuder consideratio naturalis.

10 Ad naturalem pertinet consideran formam et materiam.

(a) Expraeminis concludit propositum:

- Natura die de malnia et forma: unde in se not:

ita eun intendimen de Pinno puid est.

Erps consideratio in se. not. hon sine mest. seus., nec solum sec. mat., sed cham sec. forman.

Nota in istoprocesse du media:

(i) Napuralis de natura. Natura st tam forma quan maliria.

(ii) lonsideratio Sini est promer et meaterise.

(b) Tugles dubitatio:

(i) Natura AMA de materia et de forma. Estre se not. It de materia vel It de forma, vel de y uhaque composition.

(ii) d' de utroque, utrum ead. se. de proma es makira.

(i) foluta & praeminis de simo.

(ii) Videtur gd to de mat., & opinion antip.

Sed ost. propos. 3 hrs zationihrs:

1a: Argo incilatur nakuram.

Sed se ienha artificialis et cognoscere mat. et formam usque ad aliquem

cerpus terminum.

Ergo et natualis.

[Quare arg imilibie nakuram? N.6]

Phys. 11, l.4, mn. 4 et sp. (3) 2ª ratio: Épisdem seine et consideran frien et la que sunt ad finem, quia ratio horum hars a frue summenter. Sed rahera quae & forma, & finis materiae. foot. m.: Duo ad freen pertinent: 0 - gd sit ultimum O - got sit cujus graha pt: ultimum et optim O Od forma Est üllimun generationis, patet. 2 Dd eit eujes causa fit respectu mislesia, marif. per similihedinen in artibres. Sie: quaedane usk facient materian, vel Singliciter: brickmaker. - vel operose: carpenter cutting word for the Hern: Nos utimur artificialitas. Nos gomo fruis houm, scil. us eujen, i.e. habitator; nam que so habitatio. mude disae artes sunt: me que praccipium artitus facientism (arefaction) materiam alise coquesseutes, i.e. dijudicants, de artibres facientitus materiam. (ars utens) Led utens, seu dyndicaus, y ar chipotoine respect factions: us sparification rapache adspentariae fed, on faction, una of architectorica regreche ein quae disponit materiam, ut mavifactiva expectu easpentariae. hude, cham usualis et, corpert potriae, ut architectonica, seil. inp. est esquere. et dijudication de forma. Et faction so archikebonies lespech historia

I Sufet de la science. Quid sujet. A progrès de puir conn. scienty. I livre: la princ. du sujet. Quid objet. complexe. Principes. Il live. 1° Le suje vu comme principe: nature. - Nature se dit du princ, actif maisains du pr. passif. Hais bout à fait premier : L' La sc. nahnelle portion fur la forma (magionahna) et sur frimo et per se. 30 Agais où houver les principes propres d'où l'au pourse manifelei les preprietés du Lufet? Division des causes sulon leurs espèces. Divinios « " " " " " modes. 40 laures obscures: hasard, manifesté par prhune. Ja, finalisé. Sans pinalisé, mi forhome mi hasard. Cette question essentille à discussion de la proposition que la nature agriper une pin, car, se non, le hen que avive dans la nature n'aura pas de cause proportionnée. Jone, acculé à est donc preis de sonteur que tout hin arrive pour hasand. le pui et impossible, car le hasurd suppose finalité. 9. de Ver. &. 2. Some, nature snait prieurement irrationnelle, et la se. de la nature deviendrais ingririble. Monde complètement à l'euvers. 5 Apart por la pinalité, nous arms introduit dus - l'intellipence (l. 12, n.1). - leposible.

l'animal et réc'ennephble pep'il et composé de contrains. le lte housilé-ci et la va cause de ciele la et il n'y que cette cause: c'est une necessitas à causa priori,

Plus il y a la nécessité qui vient de la posme, c'est à dire de le que la chose est : homme ne peut pas êtie pais être la commable; item, le trisuple... Ce pu'est un animal, une maisar, or nécessaire et ne poursait neueu

fly a sum true nécessité que veut de la course officiente. Cela me veut pas dire peu tout ce qui vient de la tient cause officiente toit mécessaire. Ela veut de la tient cause officiente provint nécessairement de une dire que si quelque chose provint nécessairement de une cause officiente, cette nécessité sera aprine of par suite absolue All chap. 8, Aristote avail montré peu la napre aget pour une fin. Lei, c.q. il se demande quelle sorte de ricerrite l'an honor dans le chares naturelly. Or, on dispiepue deux sales de nicerales: absolue et conditionnelle on hypothetique. The feel rapporter atte dission a celle que l'or bionor de le Peri Mesoner lien To illustrate this Pour concréhier cette distriction S. Thomas Enumire d'alord les espéces de la premiere par des genyles. La necemité qui dépend de causes authieunes dans l'existence est absolue, et on le voit dans les choses qui dipendent de la makin. Arisi d'aruinal st-il composé de contraines au seus strict. Het done nécessaire abolt pu'il son consuptible; c'est-à-dire que lont animal sua un som cononyen. Nota hic, que necessarium & materia? doit s'en endre d'une reconité qui vient de la nentiere, el non par de Casorin de matine Faire ici altention, car on primait énoncer cette nécessité sons une forme conditionnelle, L'animal so enquire de ..., ce promais prêter à confunion. Non, il faut dire que

In animal, but in in fres ex four.
If of a sum to affiliate. Cha de la time caus olie peu se quel course officie

Plus it of a recentle peut trans de la peut prose cha a deu de la gene la chore est : hemme ne peut pro cha Jano che Laconnalle; deu, le transplo. Ce pu'ss

L'ammed es ouc'erruphile prof. Il sé comprer de contraine. Lette doumilé-el 8A la ser caure de calle le est en l'y que cette course; c's une mucerorier a course prime. Thursday one David Dungs

The server of ene David Dungs

The man who we instruct many

The more and have a

The more and find of

The more and but of the of

The more and the the of

Phys. I, E. 5. n. 2.

Vis de Ven. VIII, a. 14, c. A Moter: le

devenir ou deux primes ombaires primes le mobile
gene serublable à l'âme, on les contraires
se primer ensemble.

Ahalaj.

" Silven good fee many live december

Man of the M. services and week with a Charles and his to the land of the Man of the Man

3 7/8 J. Pourplior, d'après Aristok et S. Thomas, les

1803 Princes physico-mathématiques me caurains user

tricte de la cause finale ni de la cause

afficient motrice ou efficiente. En finance

répation de l'action pour une fin dans la

mature of the postulat anthropomorphique.

(Th I Post. Anal., lecs. 25, n.4; In Boethium

de Trinitale, Q. 5, a. 4, ad 7.)

Physique mathematique et causalité.



Common !

by a Dietician

NCE every seven years the cells of the human body are renewed throughout. This means, in simple language, that the nose you were blowing in the winter of 1951 is not the nose you are blowing to-day; it has been subtly replaced by another, and it is one of the marvels of biochemistry that the new organ, by some means not wholly understood even by your doctor, accurately reproduces the design of the old. The old plaint about only having one pair of hands, seemingly so irrefutable, is therefore in fact absurd. A housewife of seventy is actually on her tenth pair.

How can these bizarre revelations be wrenched round to come under the title of this informative and searching article? It is not so difficult as may appear. What goes into the nose—and indeed into the hands, feet, ears, knees and other anatomical features too humorous to mention—is the daily flow of proteins

and vitar venience such shar meals, sna beans on t nose of 1 not truer, this eveni:

It is ne hand, by e and care v botulism (reheated r ing (impo dislocation over-large confronted kind, will poised an questions:

(a) Has (b) Are in th Kills Arch

Epir

Ė

Ens per accidens Lit. VI Removet a principali consid huju, scial ens sec. pd signif. verum Lit. VII - XII Primapan: de ente (VII- EI) Prima lujus: de ente (VIII- IX) Poima huyus: de l'e se qui divid, in 10 paedie. (VII, l. 1-2) Peima hujus: de Fola Substantia (fl.1) Prime quoil de substantia sit déterminandem (l.1, 1245.) Primo: de sola subst. sec. 2ationem (l. 1, 1245-1259) Secundo: - - - - - per consuetudinem alionem (1260-1269) Lecunda: de principiis entis (XII) Lit. VII Lect. 1: Principales Internio huje, soine de subs. consideran. Lect. 2: Incipit de Subst. dellerminere: hie ossendit modern et ordinen tractancie de substantia. Jubot. dicitus 4 modis. Quartes moders, subjectum de que alia cléaunter. Subdividit: materia, forma, compositum. Subst. praedicatur de matina denominative: hoc materiatum Forma (species) et composition magis subst. solomo. Primo de sult. sunitibles.

keet. 3: En loc VIII : de enentia substantiarem sensibilium per rationes logicas en emmunes. (In VIII per principia subst. Sensib.)

Meta \$ 7, 848 区,1,535 XI, 3, 2197

Sent. I, d. 19, p. 5, a. 2, ad1.

I Pan, 13,5

Pot. 7,7 Princ. Mal. , 6, 365-367.

Acasa el aconsilio: Ell. I, 7,95; Meta I, 14,224

druo les ecole, nature a' la clanti me eamque. primitation de l'astron humanie à la nature et le le sont sustant begit is thema qui experience (Aus les systèmes de philosophie moule: more americo on geometrico --Pais leptus vinationne our spor for encephos du morce physique · on outer les prédikermines on sellement consispents. It mice erce de montres s , consum pas Newhar principia put, quil sent purement Plus de nature: mitantoja one intelligibles Hux I que se raconter parce of 1 Lecieno de oce e bistoria l down l'hobra se manjuh Wolder & Frincys. , niskrille, de t'Esame diapres our now oud ces eveneums reng from

rosé, comme principes de la reture, de nontanie. Hem fello, clar l'ordre deemain, la contre, non de l'agir: le lie et le mal, woh it was . his occasion army En conta, non

thenomery, nahrul, ansi-

Hepl et Hors l'accordiens: l'his hie ushrele et l'his hin humani sost dominies par la contrarielé: Tofépis 70 Tmg 77 2 V Tood-Mothers que neur Marse fait une districtur estré l'étrèse mas.

- The obverse and everse of one medsillow.

-" " he guste It homes " "

- a little too much spee given in his story to reculting events condempoury with
- " judged in two ways in neither of which is it easy to find oness in complete agreement with Mr. I.

Le monotienne uneur des seolast qui embataient l'évalution : conpusion du devenir de la notion de donnes avec le demun de cette maison (of Manh.)

The accusation of mariotaly, Lee dit Suppl. 23 x 58.

"An appropriate pleasing" (In de min.) instead
of style.

Quare arter liberale " II, 9.57, a.3, ad 3 Quare arithm. an: ibid. ?

- Some modern: what hay vary is this he speak muching is arrhad and plant ear he seem as frame ear terms of a seale brown that the respective of a seale of show that of a fail of polaries of a lease, seal the basic, and proposed in speak the brown that seal the basic, and proposed search and from the speak of all the und before and from the speak of incidental.

Edil Barmeton, The greekway & when

... disciplines parfailement idoines au

Civilization A Menter Scook, publ. by

the New American Sterry 1

- Maken attain individues most property; inder, of sternal environ 35%.

Course for complex they another cause of brescinglification. E.p., in feem, a gelinder in fea has, his in fraker, e.g., a trass one!...

Modern conception of plups world for culminacted a Nawton. Exhamily Simple. Busic idea mechanical. Quid machina? A more or less complex tool: one grown out of reason in jurgen of making : Rammer - abonic reaches. Well-Known, because gus zarhonis. There is an analogy or promhon between therewas four hands, and nahre. But only a proportion - not an identity. This non-identity can be stressed by promiting out that whereas we make machines for a purpose - the puasi meedanism of classical plyrés can be accounted for without purpose. In fact, Et is mathem plynes - Explaining things in lerms of what is prior in being: enembally material courses. Notice combination of how things matternation of both new tons. Extremel successful. Rasted ... approximately how endurines. Meantine, moral philosophers tried to intuitive the same Simplicity with the field of Ethics. Walber & Spinoza. More atilhmetico, geometrico. Finall, with Hepel, = of real of rational: what is = what one is to Netahord contrapency. Laplace Kierkegaard: human scheahen and condent demanded of Man not that Simple. Achials, a great deal of inahinality around, such as the shape of Prof. so and so's hose. But it sists... Transmalif in feweral and contripuis is particular, lost sight of. Quid contrigency? Analogical term: Sheessary schingic a potentia referiori & Periori & Periori & Periori & Contrad

This of in plunches infinisse: "

This of in parecionists of parecionists of parecionists."

Quid Jam contripent?? Could have not been. Was most unlikely Almost uneasmable that I should become. But here Sam! Parent from must by shew accident. Then, that I should have been corrected . - think have been form third, or dunty! Paunts' eincumhancer. Their fautic structure, social entermes, religion, etc. --The education I received - --- First leaders ... My circumstances ... These change from moment tomoment-Min and 3. And I can cease to be at any moment for an infinity of different reasons. All of these circumstances have how things in common mochoice. Hill, our neighbour numeral inclined to hold is pinonall Esponela ... "Marter, who hak sinned, this man, a his parents, that he should be born blived?"-" Neither hath this man finned, nor his parent; but that the works of God should be made manifest in him. " ... " The night Corult, roben no man can work? Horr, in blied, plys faunta Ducatal this contingency respects ordered - down & the last abundity. Nothing contraped to food who common Not continger effects Le au accidentel outre. Helice protest against continging cause but and lack of choice, protest against dir. Wirden & power! God willed anhyor (4) Our china: we do have choice: "Fiat robintes has..., Cause So that how This doe not make things easy: "Hy Father, if it be would be contingent provible, let this chalier jan from me. Nevertheten met as I will, but as then will. (Mr 26/39) Effect Note duo: - Power of action circa passion. This the kind god chose brildrem us. - Contrariety in Div. Person, a the Verbin the

Our life in the main one of passion. But there is no weakness in it iflue accept it willings, which is activity.

The "Grachum Wei," Re "Verhum per grum ormin fachi sund" shored this diving prois in the weather of his present, human hadren - by conforming to the will of the Father. We can imitate that. In so doing, we chose more profounds than there so doing, we chose more profounds than there is, her impossible ..., we referred to earlier

This feing 6 not that being.

Not man is not the whole

greatif, but includes

even irreality. For non-being,
and also the improsible

5 not man.

You cannot leave out down.

Being is not above substance

and accident, but is

immediately divided

by them.

I'm emplete speculative

philosoph, and this with

presence. Presence.

ident the singular.

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Ontringence
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Org. Mathematica
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O

La per accid. indet. XI, 1.8, mm. 2268 et 59....

XII C. 12,0

de que ente sit scientra: divis. cont. nat. [? Mex. VI l. 3 le (362)

The first of most prof. season of determ, in the negation of movement?

25

•

-Actualin gross necesarium significat quindam moden voilatio I qio, a 3, ad 3m

It even distinctionem intelligi per aliquid internsecum whique, sicul in rebro creato, bet per materiam vel per formam." Ta g. 40, 1, c.

- diet veritas inkleches noshi a re causetur, nontamen oportet quod in re per primo inveniasur raho veritatio... Et similiter esse rei non veritas igus, caus at vertbakem intelleches. Ta 16,1,3 m.

- Verum antem quod st in retus, convertibur eum ente secundum publiantiam. Ia 16,3, m

- Onsiderandum et quad necesarium et contingens proprie Onsequenter ens, inquantum Lipermodi. 7 22,4,33

- Excell. référ. In Phys., 18, n. 4: om nec. et impedim.



- I. The distinction between potentiae rationales and potentiae irrationales. Eadem scientia est contrariorum. Contraria in rebus non sunt contraria in mente.
- II. Contrariety and 'potentia simul contradictionis.'

 Contrariety is the proper cause of contingency in nature. In the order of mind, error is the contrary of truth. Possible extension of contrariety and contingency to the mind qua capable of error.
- III. Simultaneous presence of contraries is manifest in the case of reason. But there are other cases, namely, the two following: (a) In growth, natural, living beings, are subject to contrariety; hence it is that (i) there is emergence above contrariety in the measure that there is life; (ii) the sense in which the soul is a nature, and the sense in which it is not.

 (b) The case of movement. In the process of change (i.e. in either of the three species of motion) there is a kind of simultaneous presence of contraries.
 - IV. The two forementioned cases are at first sight difficult to reconcile with (I). Besides, these two cases (a) and (b) are widely different. It is (I) and (IIIb) that are at opposite ends for opposite reasons: contraries are simultaneously present in the mind because of its perfection; they are present in movement because of its imperfection.
 - V. Comparison between contrariety as regards knowing, and contrariety with respect to appetite. Here good and evil. No simultaneous presence.

 Appetite is more natural than the knowing power. Things in the mind according the mode of the knower, whereas 'bonum est in rebus.'
 - VI. Why should there be contrariety at all? Examine first the case of 'necessitas quae est ex materia.'

 Then extend this to man's intellect and will, both of which are naturally fallible. Contrariety is a pis-aller.