

There was a search for the
patterns in things. Nanerby
became important in this search, which
was for long heavily influenced by
macro-microscopy.

A blue Anton over the heavy was
not the only part of antiquities that played
this as the applied role; jewelry also did.

Germany
and place

Naturally it was supposed that
understanding the patterns would bring
productivity and control. Then, as now,
it was perceived that there is a tight
coupling between understanding,
exploration, production and control.

INVESTIGATIONS IN NUMEROLOGY I.

DOCTRINES OF FOUR: the four great things and
the four-fold way.

Numerology is the study of the significance
of numbers, focussing on certain numbers of
more significance. It is now widely considered,
along with ^{sometimes} associated studies such as alchemy and
astrology, ^{divination and magic,} a discredited and disreputable subject, certainly
not a science (in the recent honorary sense). Hence its
curious citation in dictionaries that do include it, as 'the
study of the alleged significance of numbers', which appears to
render ^{even} a reputation of numerology itself numerology. However
the discrediting "definition" (inadmissibly writing ^{popular scientific} ^{NI} ~~up the red~~) is
concerning the status of the study into the definition) is
advantageous for present purposes. Let us disjoin the
definitions, effectively allowing 'significance is alleged significance'.
Then the investigation which follows can count, without
prejudice, as an investigation of part of numerology within
numerology.

NI It resembles redefining 'chemistry', 'the science which investigates the
elements ...' for instance (to double the offence) as 'the
pseudo-science which investigates the alleged elements ...'.

N. Thus The Concise English Dictionary. The authoritative Oxford English
Dictionary does not even deign to list 'numerology', presumably not
through oversight, but manifesting an ancient error that what is not
spoken of will conveniently disappear (as unraised it cannot really exist).

Certain numbers enjoy a special significance within mathematics, for instance 2, 0, i , and a little further removed the prime integers. Certain numbers also have a remarkable importance in applied mathematics, for example the two transcendental numbers e (exponential) and π (π). Particular numbers are critical in biology - 4, 6 and 8 for the normal limb counts (respectively, for) vertebrates, insects and spiders - and 5 for the number of digits on limbs. These "biological numbers" are particularly important for Eastern numerology.

-
- Other numbers: Pythagoreans see 20
 - No good explanation, better than accident, for biological numbers,

cell
Patt.

Thence probably anticipated by Pythagoras

- mathematics holds the key to the explanation of reality
- number is the essence of reality.

Mutated and

Confirmed by discoveries concerning relations
between mathematics and natural world,

notably relations between arithmetic ratios and
progression of musical tones

work through
entry on
Pythagoras

AUM

A most interesting 4-some is the Aum, comprising the symbols

A U M A

the last for silence, before and after each Aum.

Thus each full sequence is

AAUUMA

An Aum represents the zoom of life, or, what takes the same pattern, the hum of this universe. Part of that hum has now been identified, in the back-ground radiation of this universe.

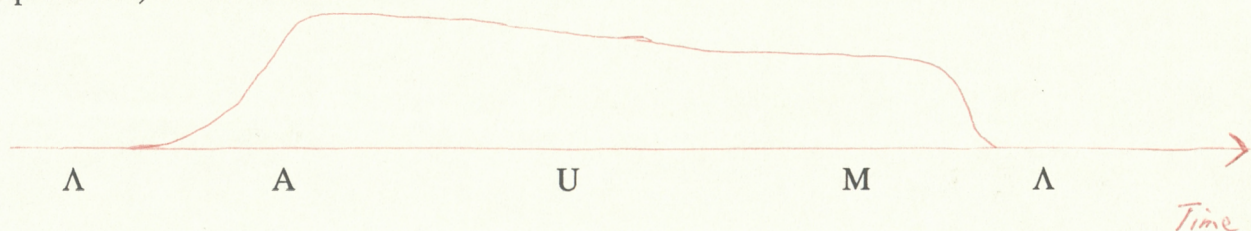
The pattern the process of this universe follows is in grand outline as follows:

Nothing	Arisal Big Bang, achieved by massive borrowing of energy in vacuum state	U	Maturity Decline and Decay, perhaps through heat death, and through return of borrowed energy	Nothing
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/a

The hum emanates from the Big Bang, and terminates with return of borrowings.

The zoom of life follows a similar simple pattern, into which much detail again needs to be inserted. But for each life the borrowing is from outside material in the environment, not from nothing. The broad pattern of a life (with several sub-patterns of the same form not represented) looks like this:



exercises and experiments
in biological engineering

extra autographing : micro-microcosm hyps.

For important numbers in Taxism,

2 and 4 there are now possible evolutionary stories, stories very compatible with classical Taxism. To generate variety, sufficient variety, 2 is both necessary, over 1, and sufficient, so there is no need to proceed any further (assuming we are starting from zero).

Analogical
theme

Macrocosm/microcosm : between the universe and individual human, there is an identity both anatomical and psychological - or at least strong similarity.

Thus the macrocosm, the universe as a whole, has parts related as (like) parts of the human body.

'Modern science has depended upon the abandonment of all such ideas and has seen the universe as a mechanism...'
But that is just a further analogical idea, of the machine, a human artifact par excellence.

So there are some problems in the way Boas continues:
a mechanism completely independent of ~~man~~ mankind except insofar as mankind utilizes it' (p 126), who made it? God?

4

4 wheels on car
adequate but worried
not much good for
even country terrain where
links are better.

AUM

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Then ~~the~~ each full sequence is

Δ A U M Δ

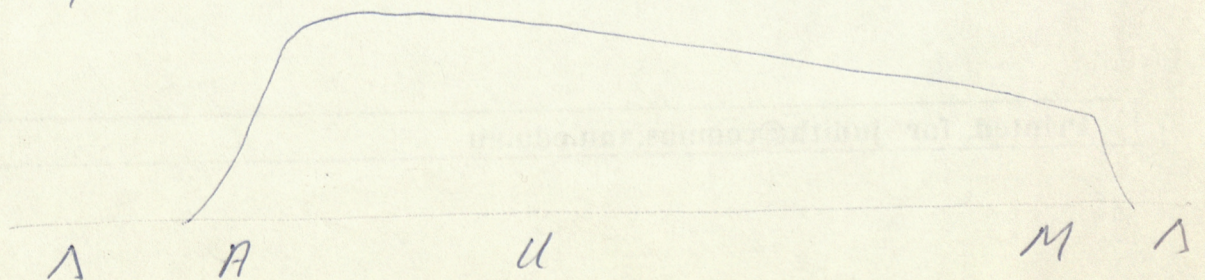
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form of ~~this~~ universe. Part of that form has
now been identified, in the background
indication of this ~~universe~~.

The pattern ^{process of this} the ~~universe~~ follows
is in great outline as follows:

Nothing	Arise	U	Maturity	Nothing
	Big Bang, initiated by noise borrowing of energy in vacuum state		Decline and Decay, perhaps through heat death, and though return of borrowed energy	

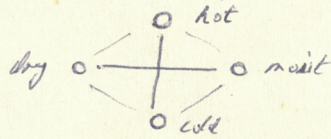
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inserted. But for each life the borrowing is from
outside material in the environment, not from ~~nothing~~.
The broad pattern of a life (with several subpatterns of
the ~~same~~ form not represented) looks like this:



DOCTRINE OF FOUR in ARISTOTLE

Aristotle viewed 'a possible global classification of animals... as a function of his basic theory. His most fundamental theoretical notions are two pairs of polar principles - the hot and the cold, the dry and the moist'



'At bottom Aristotle explained everything in terms of ~~the~~ some combination of these polar principles

EXPANDED TAO + AUM

Antalk - Newton :

MAX - 588

' Nature has nothing in vain, nothing
superfluous'

⊗ suggests minimizer

De la Roche
+ anti

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Photocopy of two pages (pp, 510-511) from publication or chapter Strengths and weakness of physico-theology. (1 leaf)

Doctrines of 4 pp 9-10

also note 4 humors.

See also Sushr

Hist. of Sec p 247

'Every element of
which the world is

composed has its counterpart in the
human body' p 10. Cf. China.

Gleason

510-11

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98-99 middles

1942

95 memory of unproduct.

HILOSOPHY
COOMBS BUILDING

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For the present we are inclined to believe that many of the numerically interesting features of this universe may, in due course, be given some sort of satisfactory explanation along broadly scientific and engineering lines. But some of the explanations, particularly those opposing to evolutionary trends, remain superficial looking, and for some new science, perhaps of a rather different cast from what prevails, may be required.