

The anthropology of historical types of cognition

Short name: **ant_en.pdf**

This article is rebuilt from Monograph 2.4. It begins with an abstract, a shared NAPRLK / NAPG 2.0 context note, and a local table of contents, followed by the extracted and verified core text.

Abstract

This article gathers the anthropological and phenomenological block of the English monograph: historical types of cognition, the Aristotelian and Platonic lines, historical models of time, and the package axiomatics of historical ontologies.

Shared NAPRLK / NAPG 2.0 context

NAPRLK / NAPG 2.0 describes epistemes as stratified modes of perception and reason. The history of cognition is therefore modeled as a layered packet of transitions rather than as a flat linear succession.

Article contents

1. The anthropology of historical types of cognition
2. Canonical scale
3. Lower, middle, and upper nodes
4. The two lines: Aristotle and Plato
5. Historical models of time
6. Arche-symbols of space-time
7. Package axiomatics of historical ontologies

Source: Monograph 2.4 EN, chapters 8-16 + appendix H

CHAPTER 8

**The
an-
thro-
pol-
ogy
of
his-
tor-
i-
cal
types
of
cog-
ni-
tion**

CHAPTER 9

Canon- i- cal scale

Historical
types
of
per-
cep-
tion
form
the
lad-
der

P01oP1oP02oP2oP03oP3oP04oP4.

Parallel
to
it
stands
the
sys-
tem
of
pure
and
prac-
ti-
cal
R-
layers:

R-01, R-02, R-03, R-04and R-1, R-2, R-3, R-4.

CHAPTER 10

Lower node

P-
1
fixes
the
dark
pre-
fold
zone
where
the
bound-
aries
be-
tween
dream
and
wak-
ing,
im-
age
and
event,
past
and
present
are
not
yet
sta-
ble.
P01
ex-
presses
the
con-
cil-
iar
Now,
while

P1
is
the
rit-
ual
world
of
dense
pres-
ence.

CHAPTER 11

Mid- dle node

P02/P2
form
cos-
mo-
log-
i-
cal
rea-
son:
time
is
read
off
the
cos-
mic
or-
der
and
the
past
ground.

P03/P3
form
crit-
i-
cal
and
sci-
en-
tific
rea-
son:
time
be-
comes
a

hori-
zon,
a
form
of
ex-
pe-
ri-
ence,
and
then
a
mea-
sur-
able
and
model-
organized
mag-
ni-
tude.

CHAPTER 12

Up- per node

P_0/P_4
and
 R_0/R_4
fix
pack-
age
rea-
son.
The
pure
form
 R_0
 P_4
un-
der-
stands
re-
al-
ity
as
a
package-
projective
struc-
ture;
 R_0
 P_4
is
its
prac-
ti-
cal
re-
al-
iza-
tion

in
AI.
PIX(Π -
field)
is
not
a
new
epis-
teme;
it
is
the
work-
ing
mech-
a-
nism
of
R-
04.

Summary table

eginlongtable>p0.10extwidth
>p0.22extwidth
>p0.22extwidth
>p0.22extwidth
Canon-
i-
cal
his-
tor-
i-
cal
lay-
ers
oprule
Layer
Canon-
i-
cal
name
Type
of
time
Arche-
symbol
oprule
Layer
Canon-
i-
cal
name
Type
of
time
Arche-
symbol
P-
1
Dark

epis-
teme
un-
dif-
fer-
en-
ti-
ated
time
dark-
ness,
dream,
déjà
vu
P01
Con-
cil-
iar
Now
uni-
fied
present
litur-
gi-
cal
Now
P1
Rit-
ual
World
here-
and-
now
rit-
ual,
totem,
omen
P02
Pure
Cosmo-
Reason
cos-
mic
mea-
sure
sphere,
cir-
cle,
cos-
mos

P2
Prac-
ti-
cal
Cosmo-
Reason
cal-
i-
brated
ex-
ter-
nal
time
ce-
les-
tial
grid
P03
Pure
Crit-
i-
cal
Rea-
son
hori-
zon
of
the
fu-
ture
form
of
in-
tu-
ition
P3
Prac-
ti-
cal
Sci-
en-
tific
Rea-
son
mea-
sur-
able
model-
time

mech-
a-
nism,
for-
mula
P04
Pure
Pack-
age
Rea-
son
mul-
ti-
ple
presents
packet
of
hori-
zons
P4
Pack-
age
Epis-
teme
net-
worked
and
lay-
ered
time
net-
work,
packet,
base
of
lay-
ers
ottomrule

CHAPTER 13

The two lines: Aris- to- tle and Plato

Each
his-
tor-
i-
cal
layer
ad-
mits
a
two-
line
read-
ing:

$$P_\sigma = P_\sigma^A \oplus P_\sigma^B.$$

egindefinition[Aristotelian
line]

The
Aris-
totelian
line
ex-
presses
lo-
cal-
ity,
mea-
sure,
fini-
tude,
and

bod-
ily
vis-
i-
bil-
ity.
In
package-
projective
lan-
guage
this
is
the
central-
affine
line.
egindefinition[Platonic
line]
The
Pla-
tonic
line
ex-
presses
par-
a-
digm,
depth,
hori-
zon,
and
the
dis-
tant
limit.
In
package-
projective
lan-
guage
this
is
the
central-
projective
line.
eginremark
A
real

his-
tor-
i-
cal
type
of
cog-
ni-
tion
arises
as
a
pack-
age
su-
per-
po-
si-
tion
of
these
two
lines,
not
as
their
sim-
ple
sep-
a-
ra-
tion.

CHAPTER 14

His- tor- i- cal mod- els of time

Aristotle
de-
fines
time
as
the
num-
ber
of
mo-
tion;
pa-
tris-
tic
thought
and
Au-
gus-
tine
shift
it
to-
ward
the
in-
ner
and
salvific
di-
men-
sion;

Locke,
Berke-
ley,
and
Hume
de-
cos-
mol-
o-
gize
time;
Kant
se-
cures
it
as
a
form
of
in-
tu-
ition;
New-
ton
ab-
so-
l-
u-
tizes
math-
e-
mat-
i-
cal
time;
Michelson-
Morley
re-
veals
the
cri-
sis
of
the
uni-
ver-
sal
back-
ground;

Ein-
 stein
 trans-
 fers
 time
 into
 the
 regime
 of
 syn-
 chro-
 niza-
 tion
 and
 mul-
 ti-
 ple
 presents.
 egintable[H]
 His-
 tor-
 i-
 cal
 mod-
 els
 of
 time
 egintab-
 u-
 lar>p0.18extwidth
 >p0.12extwidth
 >p0.22extwidth
 >p0.22extwidth
 oprule
 Au-
 thor
 /
 line
 Layer
 What
 time
 is
 Type
 of
 present
 Orthodox
 Fa-
 thers
 P01

uni-
fied
pres-
ence
con-
cil-
iar
Now
Augustine
P01oP03
dis-
ten-
sion
of
the
soul
tense
in-
ner
Now
Aristotle
P02
num-
ber
of
mo-
tion
lo-
cally
ob-
served
Now
Locke
P02oP03
du-
ra-
tion
from
suc-
ces-
sion
of
ideas
in-
ner
flow-
ing
Now
Berkeley
P02oP03

in-
sep-
a-
ra-
ble
from
suc-
ces-
sion
of
ideas
men-
tally
re-
tained
Now
Hume
P02oP03
or-
der
of
change-
able
ob-
jects
em-
pir-
i-
cal
in-
stant
of
tran-
si-
tion
Kant
P03
form
of
in-
tu-
ition
tran-
scen-
den-
tal
Now
Newton
P3

ab-
so-
lute
math-
e-
mat-
i-
cal
time
uni-
ver-
sal
ex-
ter-
nal
Now
Einstein
 $P3 \leftrightarrow$
 $P4$
op-
er-
a-
tional
time
of
syn-
chro-
niza-
tion
mul-
ti-
ple
presents
ottomrule

CHAPTER 15

Arche- symbols of space- time

Aristotle
ex-
presses
the
strongest
form
of
the
central-
affine
line:
a
fi-
nite,
lo-
cal,
ob-
serv-
able
cos-
mos
of
mea-
sure.
Plato
gives
the
strongest
form
of
the
central-
projective
line:
the

cos-
mos
as
im-
age
and
time
as
im-
age
of
eter-
nity.
Kant
pro-
duces
their
crit-
i-
cal
ten-
sion,
while
Spen-
gler
sup-
plies
a
mor-
pho-
log-
i-
cal
read-
ing
through
the
prime
sym-
bols
of
cul-
tures.

CHAPTER 16

Pack- age ax- iomat- ics of his- tor- i- cal on- tolo- gies

egindefinition[Layer
packet]

For
the
his-
tor-
i-
cal
layer
 P_σ ,
de-
fine
the
packet

$$\mathbb{P}_\sigma = \text{igl}(P_\sigma^{A, Ax}, P_\sigma^{A, Th}, P_\sigma^{II, Ax}, P_\sigma^{II, Th} \text{igr}).$$

egindefinition[λ -
value
of
a
layer]
To
ev-
ery
packet

\mathbb{P}_σ
as-
sign
the
value

$$\lambda_\sigma = (P_\sigma^{A, Ax}, P_\sigma^{A, Th}; P_\sigma^{\Pi, Ax}, P_\sigma^{\Pi, Th}igr),$$

called
the
 λ -
value
of
the
his-
tor-
i-
cal
layer.
eginaxiom
The
value

$$\lambda_\sigma = -1$$

means
ab-
so-
lute
truth
of
the
cor-
re-
spond-
ing
on-
to-
log-
i-
cal
packet.
egindefinition[Ontological
limit]
The
on-
to-
log-
i-
cal
limit
of

the
layer
is
de-
fined
as

$$\Omega_\sigma = \lambda_\sigma \text{igl}(\mathbb{P}_\sigma \text{igr}).$$

Thus
the
limit
is
not
given

by
an
ex-
ter-
nal
point
but
by
the
har-
mon-
i-
cally
or-
ga-
nized
packet
of
in-
ter-
nal
lines
and
sub-
spaces.

eginpostulate[Spectral
hy-
poth-
e-
sis]

The
Aris-
totelian
and
Pla-
tonic

lines
may
be
rep-
re-
sented
by
func-
tions
 $a_\sigma(x)$
and
 $p_\sigma(x)$;
af-
ter
Fourier
trans-
for-
ma-
tion,
their
har-
mon-
i-
cally
nor-
mal-
ized
ra-
tio
yields
a
spec-
tral
model
of
the
 λ -
field
of
the
cor-
re-
spond-
ing
layer.

1. The problem

Within NAPRLK, categories of thinking are not fixed boxes for sorting experience. They are package operators that organize event-state peaks in accordance with a historical regime of

per-
cep-
tion.
Hence
they
can-
not
be
de-
scribed
merely
as
a
list
of
for-
mal
head-
ings:
each
cat-
e-
gory
must
be
read
as
a
way
of
con-
tract-
ing
event,
state,
scale,
view-
point,
and
tran-
si-
tion.

2. Relation to Kant and Aris- to- tle

Kantian
and
Aris-
totelian
cat-
e-
gories
are
not
dis-
carded
but
rewrit-
ten
in
pack-
age
form.
Their
place
is
taken
by
such
fun-
da-
men-
tal
pairs
as:

- similarity
and
dif-
fer-
ence;
- being
and
non-
being;
-

law
and
reg-
u-
lar-
ity;

- causality
and
de-
ter-
min-
ism;

- event
and
state.

At
the
same
time,
the
Aris-
totelian
line
re-
mains
more
tightly
bound
to
lo-
cal-
ity,
em-
bod-
i-
ment,
and
mea-
sure,
whereas
the
Kan-
tian
line
is
tied
to

the
form
of
ex-
pe-
ri-
ence
and
the
con-
di-
tions
of
pos-
si-
bil-
ity.

**3. A
pack-
age
sys-
tem
of
cat-
e-
gories**

For
the
work-
ing
redac-
tion
of
the
mono-
graph
it
is
use-
ful
to
dis-
tin-
guish
four
blocks
of

cat-
e-
gories:
egi-
nenu-
mer-
ate

fundamental:

sim-
i-
lar-
ity/difference,
being/non-
being,
law/regularity,
ax-
iom/limit
of
ap-
pli-
ca-
bil-
ity;

causal:

causal-
ity/determinism,
event/state;

dialectical:

unity
of
op-
po-
sites,
tran-
si-
tion
of
quan-
tity
into
qual-
ity,
nega-
tion
of
nega-
tion;

**package-
geometric:**

scale,
view-
point,
tran-
si-
tion,
trans-
port,
shift,
ro-
ta-
tion,
size,
di-
men-
sion-
al-
ity.

The
last
block
is
what
de-
ci-
sively
dis-
tin-
guishes
NAPRLK
from
the
clas-
si-
cal
ta-
bles
of
cat-
e-
gories.

4. Analytic and syn- thetic judg- ments in the pack- age frame- work

The
clas-
si-
cal
Kan-
tian
dis-
tinc-
tion
be-
tween
an-
a-
lytic
and
syn-
thetic
judg-
ments
re-
mains
mean-
ing-
ful,
but
is
rewrit-
ten
in
terms
of
support-
connectivity
and
pas-
sage

be-
tween
lay-
ers.
egindefinition[Analytic
judg-
ment
in
NAPRLK]
An
an-
a-
lytic
judg-
ment
is
one
whose
truth
is
un-
folded
in-
side
a
sin-
gle
support-
connectivity
with-
out
the
pro-
duc-
tion
of
new
struc-
tural
con-
tent.
In
pack-
age
lan-
guage
this
means
that
the

con-
fig-
u-
ra-
tion
never
leaves
one
and
the
same
layer
of
agree-
ment.
egindefinition[Synthetic
judg-
ment
in
NAPRLK]
A
syn-
thetic
judg-
ment
is
one
in
which
new
con-
tent
ap-
pears
through
a
pas-
sage
be-
tween
dis-
tinct
support-
connectivities,
or
through
the
projective-
harmonic

clo-
sure
of
a
con-
fig-
u-
ra-
tion.
Syn-
thetic-
ity
is
there-
fore
not
merely
the
“ad-
di-
tion
of
a
pred-
i-
cate”,
but
a
struc-
tural
in-
cre-
ment
of
sense.
egintheorem[On
the
pos-
si-
bil-
ity
of
syn-
thetic
a
pri-
ori
judg-
ments]

Syn-
thetic
a
pri-
ori
judg-
ments
are
pos-
si-
ble
in-
so-
far
as
pack-
age
ge-
om-
e-
try
it-
self
con-
tains
projective-
harmonic
clo-
sures
that
can-
not
be
re-
duced
to
tau-
tolo-
gies
in-
side
one
layer.
If
a
con-
fig-
u-
ra-
tion

closes
 har-
 mon-
 i-
 cally,

$$(\mathcal{I}, \mathcal{U}; \mathcal{R}, r) = -1,$$

then
 the
 trans-
 reper
 point
r
 con-
 tributes
 gen-
 uinely
 new
 con-
 tent
 with-
 out
 re-
 course
 to
 em-
 pir-
 i-
 cal
 ob-
 ser-
 va-
 tion
 and
 thus
 re-
 al-
 izes
 syn-
 thetic
 a
 pri-
 or-
 ity.

**5. Table
of
cor-
re-
spon-
dence**

egintable[h]

Cat-

e-

gories

and

judgment-

types

in

three

sys-

tems

egintab-

u-

lar|p0.22extwidth|p0.22extwidth|p0.28extwidth|

extbfKant

Aris-

to-

tle

NAPRLK

Quantity

Quan-

tity

Size,

scale

Quality

Qual-

ity

Di-

men-

sion-

al-

ity,

view-

point

Relation

Re-

la-

tion

Causal-

ity,

tran-

si-

tion

Modality

Sub-
stance
/
essence
Being/non-
being,
peak,
ad-
mis-
si-
bil-
ity
Analytic
judg-
ment
Def-
i-
ni-
tional
un-
fold-
ing
Con-
fig-
u-
ra-
tion
in-
side
one
support-
connectivity
Synthetic
judg-
ment
In-
crease
of
con-
tent
Pas-
sage
be-
tween
con-
nec-
tiv-
i-
ties
or

har-
monic
clo-
sure

6. Historical scale and its cor- rec- tion

The
canon-
i-
cal
line
in
this
redac-
tion
is:

-

*P*1
—
the
rit-
ual
world;

-

*P*2
—
cosmo-
reason;

-

*P*3
—
sci-
en-
tific
rea-
son;

-

R-
04
—
the
pure

form
of
pack-
age
rea-
son;

•

R-
4

—

its
prac-
ti-
cal
re-
al-
iza-
tion.

No
sep-
a-
rate

*P*5

is
in-
tro-
duced.

The
PIX-
field
does
not
con-
sti-
tute

a

new
epis-
teme;

it
ex-
presses

the
work-
ing
mech-

a-
nism
of

R-04
at
the
level
of
peak
agree-
ment
and
event-
state
con-
trac-
tion.
eginremark
Cat-
e-
gories
of
think-
ing
in
NAPRLK
must
there-
fore
be
un-
der-
stood
as
dy-
namic
pack-
age
op-
er-
a-
tors.
They
do
not
merely
clas-
sify
ex-
pe-
ri-
ence;

they
them-
selves
evolve
to-
gether
with
his-
tor-
i-
cal
regimes
of
per-
cep-
tion.

