Dear Hugh:

I am sending in a few minutes this

Cable: Niel Bohr
Physicist
Copenhagen

Einstein now Princeton phoned asking
Come with you. Hope fly almost immediately
but must return midnight. Could you cable
him if inconvenient. My great hope there's
suitable Domus Academy publications after
revision have announcement. Regards,

It is well for you to tell me and Bohr you have to
return 15 June but I hope to goodness you keep open
the possibility of at necessity to stay until the
battle is won. I would prepare WSEA for this.

Do I hope very much you will stop here
Coming and going as you come without extra cost
if you travel KLM. I am quite prepared to believe
SAS will do this much for you at no extra cost:
but KLM will do this

My dates:

This coming week except for lecture Tues am May 29 and seminar Wed night
and a 1 hr appoint 11-12 am Sat. Leave Sun night June 3 for 4 days
England Back Fri am June 8. From Sat. afternoon June 9 to Sun afternoon
June 10 am attending a physics meeting. Back here late Sun June 10. Have
until Sat June 15 when am going on suite of visiting trip with children nearby

This is a note to give Mrs. Pratt: I know you please

Mrs. Pratt - This is to authorize and request the
university to disburse $260 from the Elementary Particle Research fund for post payment of Hugh Everett's expenses to
come to Amsterdam and Copenhagen to confer with Bohr
and me on his work. - John A. Wheeler

26 May 1956
A. Petersen - Paradox outlined by Everett.

Distinction between Box way & the 2 postulate way to be got. much.

How analyze paradox à la Coper? See Bohm paper. How extend system under investigation?

If PM description of measuring tool prevents its use as a mea. tool

Complexity of human being - exclude by psychophysical parallelism.
A.P. says more cautious to deal with spots on plate, forget the brain side. Themselves sharpen up to everyday issues - more immediate, Lucky thing that how we see spot doesn't matter.

Everett ought to reform so:

What do

See Wansor 1938+1, Real Theories of Physics, Bohr, real definition of the Phenomenon in Sci. Physics. If also Einstein, Blume. Have a Wholeness that is foreign to view - stone throwing. P. Phenomenon are indivisible. So subdividing, have introduce an apparatus which is incompatible with the phenomenon one wanted to subdivide. (Slit; which hole dix electron go through - specify territory more closely; change phenomenon. - need for slit. if we want to retain diff. between phy. & math. Have to pick one split among or other - of Peter Finston example. When loosen depth. to measure recoil & till slit, then it becomes part of mea. system. Then apply PM to slit, uncertainty principle. 8 & 8 working on this.

O says if you don't have good setup to measure now - but then A's app. no more suitable for A's purpose. But then say not every system has a
I. \( f \) \( f \) does not pertain to a play system in any way as a dynamical variable (Cant \( f \) means \( f \) class - symbolizes a whole new foreign to class play.)

(Consider this for our note.) \( f \) \( f \) for class doesn't have sense until we get something like a prob dist of spots. Only a count say can give a vector a meaning. Have to know \( f \) plus explicit apparatus to make predictions.

With photon of brown mono, can get dist of spots in one aspect; or can say through which slit yes.

So, P.M. formalism no well defined apply. without explicit arrangement.

Whole ness.

2. Formalism must do give some result.

Objection: Does not appreciate the change brought into physics by the quantum. Calls Bohr too consonant - but AP: no consonant other demanded by spirit of \( f \).

Bohr would say Events much for class,

not in math but in recognize new features. Just as in past formalism the whole problem the tough one right here to find the words to express the content of the formalism in acceptable form.

2. Much not about the things

Events thinks it is about; only for domain

where \( \frac{\alpha^2}{\hbar} \) small; where can mean. mon or

foo. with accuracy; not a matter of our

only having tattle business so far; only wiggling

as long as small wind damping; if no longer
Suggest we can have a
good position always OM, complex words for
e^2/\hbar c; much opposed by AP — no poss to
connect with ordinary words.

Weak evolution in a strongly
coupled world: help each other out. Need
words. They

AP: Math can never be used
in phy until new words. Aren't comparing
values with zero mechanism. What mean by physics
is what can better be expressed reasonably in
ordinary language. Spots on plate have
meaning, but not in Everett — he
talks of correlations but can never build
that up by & plus. — H atom stability

Bohr (as to AP) needs non-
rel. way to drive self into
rel. world — have to rep.
between space & time —
consider watch & entrance
into complex new only via real now; hence entrance
into rel via non-rel.

assembly of points

in world of big \( \hbar c \)
evolution
occurs — fight way time to a language —
language second. Very contrary to Bohr
pay AP.

What do re HE III thesis. (1) Knowledge
limited. (2) Much phy. didn't help learn about abstr.
(3) In OM learned more.
New thing is P. Much. Concept of completeness. If we space + time (e. numbers etc). All things on EM (and objections) based on this c. number idea (hence Bohr's great emphasis on class observation).

Great divergence not on formalism but on words.

In this realm of discussion there is no problem of several observers. Just need to describe detailed EM of slit, not merely AP Ag. Then have to analyze in detail. AP cites Bohr. Rosenfeld (of my Voltagmon):

"Say Von N. + Wij. All nonsense. Their stuff beside the point; doesn't come into; could overlook that bad atomicity. Von N + Wij mess up by including means tool in system."

Dilly to say + + + apparatus.

Has a f-function. Example chosen for correct with classical. But more typical meas. system has a certain amount of dynamics.

If bent to predict properties of class variable.