

IV

### Supplementary Remarks

Supplementary Remarks We have concluded our treatment - now only make galaxiable (no proofs)

- Meaning of macro-object (Include macro-state idea (Procket rotation))
  - Actual measurement - amplification (Leopold-Bright) if poss.
  - Bohm spin example
  - Thermodynamic considerations - Usual terms from past close naturally still maintained (subjective level). Deep underlying (transcendental) notion of getting cut off informationwise after split -- no possibility of further interaction with rest ---
    - Question of necessity of irreversible phenomena for the construction of mos devices. Not nec due to elong. of

May be work out & sketch in action on meaning of Transition Probabilities.

VI

## Recapitulation (summary)

## §2      Alternate Views (brief descriptions)    (no comment yet)

Bohr, Von Neumann, Einstein-Solom-

Wien - Siegal

### §3 Philosophical considerations.

Objectives of a physical theory, criticism of other views

## §4 Conclusions

leading we have succeeded

complete  
conceptual  
picture  
approaches  
meas.

At this point we return to our discussion of various alternative interps. <sup>there have been lately a great deal of dissatisfaction</sup> We shall ~~find~~ now <sup>expressed with the present form</sup> attempt to briefly characterize a number of present interpretations, and comment upon them.

all

for more criticism

and a wide variety of new interpretations have sprung up

We should now like to comment on some views expressed by Einstein [7]. Einstein's criticisms of quantum theory, which is actually directed more at what we have called the "popular view" than Bohr's interpretation, are primarily directed at the drastic changes of state brought about by single acts of observation (in ) particularly

of observation.

At another time he expressed his feeling colorfully by stating

However; <sup>vapour</sup> from present theory

only noise affected.

Palmer