## I. Polya criticism of current foundations of complexity.

Polya knew that QP does not provide perfectly random seeds.

## II. Three value logic needed for QP?

Reichenbach-Putnam three valued logic needed to make QC 'rational' eliminates existence of one way functions. Three value logic means there is a 'physical' concept of 'unknown' (unobservable).

Remapping of symbols needed for Turing Machine proofs becomes impossible.

Reichenbach-Putnam connection of three value logic to non-Euclidean geometry and relativity theory can be used to criticize foundations of complexity theory.

## III. Bohm's hidden variables.

Bohm's hidden variable theory is more applicable to foundations of mathematics than QP. Think backwards use QP to criticize current complexity.