

The Extended Kurpishev Uncertainty Principle PN.2

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Abstract

The article formulates the extended Kurpishev uncertainty principle PN.2. It states the impossibility of simultaneous assembly of size and dimensionality, Reper and flag, hole and repair without sufficient foundation.

1. PN.2-A: size and dimensionality

$$\neg \exists \mathcal{M}_{global} \quad \forall X \in \text{FOS} : \mathcal{M}_{global}(X) = (\text{size}(X), \text{dim}(X))$$

without choosing D_X .

2. PN.2-B: Reper and flag

$$(R, I, U) \not\Rightarrow \text{Rep}, \quad (R, I, U; D) \Rightarrow \text{Rep}.$$

3. PN.2-C: quantum hole and repair

$$\text{Hole}(c) = \neg \exists D_c : \text{Dom}(c) \wedge \text{cr}(U_c, I_c; R_c, D_c) = -1.$$

Stitching operator:

$$\mathcal{S}_{h,A} : \text{Gap}(c) \rightarrow \text{Rep}(c'), \quad A = A^*.$$

4. Corollaries

Quantum tunnelling is transfer through a missing classical domain under a new foundation. A quantum dot is a localized Reper-cut with a controlled field of possibilities.

5. Conclusion

PN.2 forbids hidden totalization. Every assembly requires domain and sufficient foundation.

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