## **Bell Inequalities with Schrödinger Cats**

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In the Schrodinger cat gedanken experiment a "cat" is in a quantum superposition of two macroscopically distinct states. There is the apparent interpretation that the "cat" is not in one state or the other, "alive" or "dead". Here this interpretation is proved objectively. I propose the following definition of macroscopic reality: first, that the "cat" is either dead or alive, the measurement revealing which; second, that measurements on other "cats" some distance away cannot induce the macroscopic change, "dead" to "alive" and vice versa, to the "cat". The predictions of quantum mechanics are shown to be incompatible with this premise.

Key words: Bell Inequalities; Schrödinger Cats.