

successes with never a bow to quantum or complementarity or "No question? No answer!"

What distinguishes situations where a classical account will do from those where quantum theory has to be employed, with its complementarity-driven limitation on what we can ask? Not size nor nature of the object studied but its interaction with the environment. An electron? Let it run through the simple double-slit apparatus. Then we have no right to say where it has been in its passage from point of entry to point of reception. Instead, let us run the electron through a cloud chamber. The droplet-marked track of the electron shows us clearly where it has been. The environment -- the multitude of atoms in all that moisture-laden cloud-chamber gas -- forces on the electron so many millions of interactions, poses to it so many millions of questions, as to reveal where it has been.

Analyze further how "interaction with the environment" under everyday circumstances masks the quantum, hides that crack in the armor that conceals the secret of existence? Fascinating enterprise. The exploration and exploitation of this topic, under the heads of "coherence" and "decoherence," goes on apace today under the leadership of H. D. Zeh, E. Joos, W. H. Zurek, W. K. Wootters, J. B. Hartle, M. Gell-Mann and others and will surely continue to open up new insights for years to come. Here, however, we forego any further look at the classical vestments which under everyday circumstances cover up the quantum crack in the armor. Our aim is different: Pry into that crack! There lies the heart of darkness -- and at its center the glittering prize.

To ask, "How come existence?" is to ask, "How come the quantum?" And to ask, "How come the quantum?" is to ask, "How does it come about that the world is built on the principle, 'No question? No answer!'"

"You can't take the problem seriously," Secretary of State George Marshall used to say to the troubled official, "unless you have a solution to propose." We respond here to an even stronger command. We can't even *explain* our question except by *trying* an answer.