A Radically Different Approach to Force Unification: Free-Fall Equivalence

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https://youtu.be/_1wdssIR3sY&lc=UgxKFwrn55CAu5Wut9p4AaABAg

Parth G, thanks! You have a knack for getting me to look at an old idea from a different angle. In this case, the traditional question has the problem backward: It's not why the electron fails to emit radiation while constantly accelerating around the nucleus, but why the electrons cannot "feel" any acceleration while in an orbital.

Another way of saying that is an electron in a stable orbital perceives itself as being in freefall, just like an astronaut in orbit under gravitational acceleration.

Interesting! The question then becomes one of why, and how, an oddly gravity-like freefall form of acceleration emerges if, and only if, the acceleration behavior of the electron drops into the quantum realm.