Analogue versus digital - an obsolete distinction?

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In their 2002 article "On the Interference of Fullerenes and Other Massive Particles", Sue Sulcs, Barry C. Gilbert, and Charles Fr. Osborne suggest a classical or realistic theory that "reinterprets the commutation relations in terms of measurement uncertainty, and holds that there is no intrinsic indeterminacy." Raising the question what we can learn about physics from this rather strange article, the talk gives an overview of the interplay between analogue and digital data processing on the one side and the media of physics on the other side. In current high-energy physics the classical epistemology of describing and explaining an analogue nature with digital symbols fails and is being replaced with an hybrid model of sign processing. Hence the long tradition of the analogue-digital paradigm might explain the prevailing notion of classical particle physics.