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Conjectures on Pre-Planck versus Planck era features

The called pre Planck ERA stands to a two dimensional real manifold that cannot be turned into a Riemman Surface because it is not endowed with a metric and an orientation. The distinctive feature of the Planck era is that: the two dimensional real manifold (possible a Torus, less probable spherical ) is endowed with the existence of a metric (Planck constant) and a orientation : the time narrow. During the Planck era the real two dimensional manifold can be turned into a Riemman Surface and, consequently, endowed with a complex structure that allow the unambiguous definition of holomorphic functions. It seems that exactly the same occurs on the called Fermi-Pasta-Ulam experiment that converges to an integrable (Hamiltonian) system on the frame of KAM theory.