

Stochastic quantization is one of the methods that it is used to quantize the classical field theories. In this approach, a new fictitious time dimension is introduced to describe the evolution of the fields under a Gaussian white noise. This approach, which is based on the classical stochastic processes, gives a classical notion for the quantization procedure at the price of introducing a new time dimension. We suggest that under some conditions, it is possible to consider the new time as a part of the usual time dimension, not a new dimension. This shed some light on the conceptual problems of the quantum physics.