The quasi independent particles model for plasma model.

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Classical models of plasma microfield except the simple harmonic oscillators model (SHO) has important disadvantage. In those models the density of energy for plasma microfield is infinite. The cause of this disadvantage is the slowly damping "tail" of function of distribution for classic models. Monte-Carlo calculations have the same disadvantage. In result wide of optical lines is described badly.

We propose another model of plasma microfield. It was build of the basis of such common principles as the central limit theorem of the theory of probability and dimension theory. In our model microfield has the Maxwell distribution. It has asymptotic of the SHO for high densities. The maximum of function of distribution is near to the maximum for classical models.