In hooping with the fact that K is of [4/01/13] & the order of 1 m the nuclear case, it is likely, that mean field theory is applicable to the description of the nucleons in the ground state of the system. The marked variation of the bunding energy por particle as a function of mass number A=N+Z for yelific values of Nand Z (magic numbers), testifies to the fact that nucleons in the nucleus display, in states to lying close to the Fermi energy, a long mean free path, as compared with nuclear dimension. (R≈1,2 A°sfen ≈ 646-7 fm). The results discussed above, namely that K«1 mplies localization, that is fixed relations between the constituents, and thus spontaneous symmetry breaking, while K > 0.14 implies delocalization and thus homogeneity is an example of the fact that while potential energy always preter special arrangements, flutuations, classical or quantal, favour symmetry.