

I start reminding effects related to fermionic zero modes of instantons, and the so called t'Hooft effective Lagrangian. The main one is of course spontaneous breaking

of chiral symmetry: but I will focus the introductory part on Euclidean correlation functions.

New material will be related with hadronic wave functions, at rest and in the light front (LFWFs).

Starting with 2-quark mesons and 3-quark baryons, we reach 5-quark hadrons and the admixture

to baryons: the objective is to discuss the so called "antiquark sea flavor asymmetry" of the nucleons. Then we move to mesonic formfactors, in which we calculate instanton-induced

part of the "hard block". The last topic will be the instanton effects in central and, especially,

spin-dependent potentials in hadrons.