π -Meson and the Structure of a Nucleus

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Abstract: put forward a new combination mechanism of nuclear (hadrons)

Main Viewpoint & Result:

 π -meson[1] is the polymer (adhesive) which makes protons together.

Within a nucleus, there are no so much protons and neutrons together, but

a more accurate description should be: some protons through sharing

 π -mesons combination (adhesive) together.

This means that within a nucleus, there is no independent of neutrons;

an atomic nucleus is formed by some protons combining with π -mesons.

But in the whole, it seems some protons and neutrons together to form the

nucleus.

There is no any π -meson inside a proton, "between the protons and

protons; between the protons and neutrons" by sharing π -mesons together,

rather than by exchanging π -mesons combination.

This is called the "nuclear" (hadrons) combined with mechanism!

Reference

[1] \leq A New Model of a Neutron Based on π -Meson \geq

http://vixra.org/abs/1405.0206