Quark Confinement and the Hadron Spectrum XI



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Influence of pion condensate on neutron stars spectrum

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There is no precise theory describing the structure of neutron stars. However, inside such objects the baryon density is very high and a pion condensation may occur. This condensate, if it exist, might give a significant effect on a spectrum of neutron stars. We investigate this influence with a help of simplified model to give qualitative picture of the effect.

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