## Black Holes, White Holes, Pulsars and Neutron Stars

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Abstract: showing a viewpoint about black holes, white holes, pulsars and neutron stars

## Main viewpoints and conclusions:

The neutron state is the highest state in the density, temperature, and energy levels of the all matter in the Universe; <sup>[1][2]</sup> and there exist

A neutron star = neutrons + a huge amounts of thermal energy = protons +  $\pi$ -mesons + + a huge amounts of thermal = protons + neutrinos+ electrons + a huge amount of thermal.

Black holes, White holes and Pulsars are all the neutron stars; and, they are the different external manifestations of the different states of neutron stars. <sup>[2][3][4][5][6]</sup>

Black holes are the neutron stars which at stable state- neutron state; White holes are the neutron stars which at have decayed or being at decaying state; Pulsars are the neutron stars which being at stimulated emission state.

## References

[1] Neutron stars
https://en.wikipedia.org/wiki/Neutron_star
[2] Black holes
https://en.wikipedia.org/wiki/Black_hole
[3] White holes
https://en.wikipedia.org/wiki/White_hole
[4] Pulsars
https://en.wikipedia.org/wiki/Pulsar
[5] The structure, properties and parameters of nucleons
http://vixra.org/abs/1503.0121
[6] Black-holes' innate character and feature
http://vixra.org/abs/1608.0177