

# Black Holes, White Holes, Pulsars and Neutron Stars

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

## Main viewpoints and conclusions:

The neutron state is the highest state of 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 + electrons + neutrinos + 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; White holes are the neutron stars which at have decayed or are decaying state; Pulsars are the neutron stars which at being exciting state.

## References

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