

# Black Holes, Pulsars and Neutron Stars

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Abstract: showing a viewpoint with regards to black 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 + huge amounts of thermal energy = protons +  $\pi$ -mesons + huge amounts of thermal = protons + electrons + neutrinos + huge amount of thermal.*

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

Black holes are the neutron stars which at stable state; Pulsars are the neutron stars which at unstable state (decaying state) or excited state. <sup>[5]</sup>

## 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] *Pulsars*

<https://en.wikipedia.org/wiki/Pulsar>

[5] *Black-holes' innate character and feature*

<http://vixra.org/abs/1608.0177>