

## **Magnetocavitation mechanism for the generation of the quasi-periodic oscillations of X-ray radiation in the accretion disk coronae of the neutron stars and black holes**

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The process of the generation of the quasi-periodic oscillations of X-ray radiation in the coronae of the accretion disks of the neutron stars and black holes is investigated. The magnetocavitation mechanism of this process is suggested. According to this mechanism, the quasi-periodic oscillations of X-ray radiation are due to the oscillations and destruction of the plasmoids in the corona plasma of the accretion disk. The estimations of the quasi-periodic oscillations parameters are performed.

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