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Primordial black holes as dark matter candidates: closing the remaining mass window

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Primordial black holes (PBH), if they constitute a fraction of dark matter, can be captured by compact stars and lead to a rapid destruction of the latter. Thus, a mere observation of neutron stars and white dwarfs implies constraints on the PBH abundance. We will consider capture of PBH both at the stage of formation of the star and during its lifetime, and derive corresponding constraints.

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