

## Superheavy objects composed of nuclear and dark matter

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We consider a model of  $OHe$  atomic dark matter formed by Coulomb binding of the stable double charged massive  $O^{--}$  particles with nuclei of primordial helium. Such dark matter can be captured by ordinary matter forming superheavy nuclei. We discuss  $O$ -nuclearites formed by multiple capture of  $O^{--}$  particles by heavy nuclei and effect of accumulation of  $OHe$  atoms in stellar evolution.

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