

Baryons

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The complex composition of neutron stars: heavy baryons, kaon condensates and light nuclei and hypernuclei

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A brief review of the connection between the neutron star equation of state and neutron star properties will be presented. The possible appearance of hyperons in the core of neutron stars and its effect on neutron star properties will be discussed. Warm low density matter in binary neutron star mergers or core-collapse supernova matter contains clustered matter. The possible presence of hyperons and light hypernuclei under these conditions will be analysed.

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