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Nuclear Matter Equation of State and the Neutron Stars

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Abstract content
 (Max 300 words)

Neutron stars are powerful laboratories for constraining the equation of state of dense nuclear matter. Many aspects of neutron star structure depend on specific equation of state parameters. Because many aspects of equation of state including symmetry and thermal properties are uncertain and not well constrained by experiments, it is important to develop an equation of state with easily adjustable parameters. The purpose of this presentation is to discuss the development of the nuclear matter equation of state for dense nuclear matter.

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