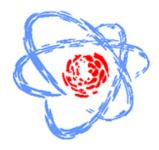
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Algorithm and Program for Grigorian construction of mixed phase in cold and dense nuclear matter

Possible hadron-quark mixed phase in the interior of the compact stars is one of actual question nuclear physics. The Grigorian type model of mixed phase based on so called Maxwell construction is considered in this research. We present an algorithm for construction the mixed phase model by separately given hadronic and quark matter models.

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