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Electrical conductivity of the neutron star matter is a key element to study the evolution of the pulsar magnetic fields. Accurate calculations of the electrical conductivity of the neutron star matter have been recently carried out by the present author's group. This topic has been recently reviewed by the present author¹⁾.

Reference

1) N. Itoh : in "Physical Processes in Hot Cosmic Plasmas"(W. Brinkmann et al. (eds.), Kluwer Academic Publishers, 1990) 197-220.