

External Injection into the JINR Phasotron,
O.N. BORISOV, L.M. ONISCHENKO, JINR - External injection into the Phasotron is discussed. Negative hydrogen ions are accelerated and then transformed to neutral hydrogen atoms. The neutral hydrogen beam is injected in the phasotron median plane, where it is recharged by the carbon foil to proton and accelerated. Numerical simulation of the beam injection for various energies are carried out.