Calculation of Orbit Expansion Effect for the VINCY Cyclotron, O. BORISOV, <u>L. ONISCHENKO</u>, JINR; N. NESKOVIC, VINCA, Belgrade -

Computation of the orbit expansion effect for the extraction from the VINCY 4-sector cyclotron is performed. The proper dependence on radius of the main harmonic of the magnetic field is found. The turn separation increasing and the horizontal emittance behaviour are demonstrated.