

Isochronous Cyclotrons for Thermonuclear Reactors, YU. ALENITSKY, JINR - The main requirements for an accelerator as a part of an electronuclear power plant are considered. The range of the parameters of the accelerated proton or deuteron beams, for which the isochronous cyclotron is the most profitable is proposed. The cyclotron installation projects under development at LNP JINR are briefly described.