

Abstract Submitted
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Field mapping measurement of SHARAQ dipole magnets¹ TOMOHIRO UESAKA, KOHSUKE NAKANISHI, HIROSHI KUREI, SHINSUKE OTA, SHIN'ICHIRO MICHIMASA, AKITO SAITO, YOSHIKO SASAMOTO, HIROYUKI MIYA, HIROSHI TOKIEDA, SUSUMU SHIMOURA, CNS, University of Tokyo, KENJIRO MIKI, SHUMPEI NOJI, HIDEYUKI SAKAI, Department of Physics, University of Tokyo — In high-resolution ion-optical analyses of radioactive isotope beams, accurate and precise knowledge of magnetic field distribution is of basic importance. We have measured magnetic field distributions in dipole magnets which make up the SHARAQ spectrometer. Search-coil method was adopted in the measurement. Details of the method, devices, and results of magnetic field distribution will be reported.

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