

MODELLING OF TRAJECTORY FOR IONS EXTRACTION FROM U-240 CYCLOTRON BY CHARGE-STRIPINGS METHOD

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The computer program for a trajectory calculation of ions, which are extracted from U-240 isochronous cyclotron after charge striping on an internal target is developed. The trajectory calculation of extracted ions enables to choose an optimum position of a target in the internal volume of U-240 isochronous cyclotron. This gives us the possibility to minimize the ion losses during the extraction process.