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**CYCLOTRON U-240 TRIM COIL CURRENTS DETERMINATION**

Method of the cyclotron U-240 trim coil currents calculation is described. Currents are presented as the examples which were determined for the acceleration of protons,  $\alpha$ -particles and  $^{14}\text{N}^{4+}$  ions.

*Keywords:* isochronous cyclotron, trim coil currents, regularization, the least-squares method.