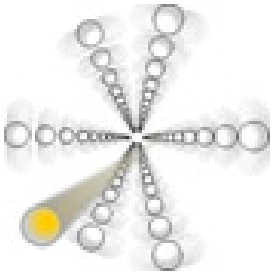

Contribution ID: **62** Type: **not specified**

Radiation from a Particle in Flight through a Plate, the Parameters of Which Vary According to an Arbitrary Periodical Law

Monday, 24 September 2012 19:34 (1 minute)

The radiation from a particle in flight through a plate, the parameters of which along the direction of motion change according to an arbitrary periodical law, has been investigated. The expressions for determination of spectral-angular distribution of radiation energy in vacuum (at large distances from the plate) are derived. The results of corresponding numerical calculations are given.

Primary authors: Prof. MKRTCHYAN, Alpik (Institute of Applied Problems in Physics); Prof. GRIGORYAN, Levon (Institute of Applied Problems in Physics)

Co-authors: Mr ASLANYAN, Ashot (Institute of Applied Problems in Physics); Dr KHACHATRYAN, Hrant (Institute of Applied Problems in Physics)

Presenter: Prof. GRIGORYAN, Levon (Institute of Applied Problems in Physics)

Session Classification: PS1 Poster Session

Track Classification: Poster Session