

# Elliptical undulator in a resistive elliptical waveguide

*Monday 26 August 2024 16:00 (2 hours)*

The wakefield of a charged particle moving along an elliptical spiral-shaped trajectory in an infinite elliptical waveguide with resistive walls is calculated. A limiting transition to a flat trajectory located in one of the symmetry planes of the elliptic cylinder is carried out.

## Footnotes

## Funding Agency

The work was supported by the Science Committee of RA, in the frames of the research projects № 21T-1C239 and № 23SC-CNR-1C006.

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**Session Classification:** Monday Poster Session

**Track Classification:** MC1: Beam Dynamics, Extreme Beams, Sources and Beam-Related Technologies; MC1.1 Beam Dynamics, beam simulations, beam transport