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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

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