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Analytic theory of the skew wake effect

Wednesday 4 June 2025 16:00 (2 hours)

In the present study we provide a simple model and a physics insight into the recently discovered Skew Wakefield Effect*. We show that the effect possesses certain complexity as along with the rotation of the principle axis of the quadrupole wake there exist an overall increase in the wake transverse wake amplitude.

Footnotes

Paper preparation format

LaTeX

Region represented

Europe

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