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High beta cativies I

Thursday 29 June 2023 12:00 (1 hour)

The lectures "High-Beta Cavities I and II" cover the main concepts that underly acceleration of relativistic beams, with a focus on traveling wave acceleration. These include the concepts of phase velocity and synchronism with the beam, group velocity, periodically loaded accelerating structures, the Brillouin diagram and the fundamental theorem of beam loading derived from an energy balance point of view.

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