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SC magnet design - EM part II

Thursday 23 November 2023 09:30 (1 hour)

The lecture shows the methodology for assessing the maximum performance of dipole and quadrupole magnets. This involves introducing and explaining concepts such as critical surface, filling ratios, peak field on coils, load line, and short sample. It also delves into additional considerations regarding the influence of the iron yoke and current grading.

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