GENERAL FORMULA FOR THE TRANSVERSE RESISTIVE-WALL IMPEDANCE DERIVED FROM ZOTTER'S FORMALISM

E. Métral

- The resistive-wall impedance can be derived without making the approximation $x = kb/\gamma \ll 1$ and without assuming a good conductor for the 1st layer
- Application to the SPS MKE kicker

GENERAL FORMULA DEDUCED FROM ZOTTER'S THEORY (1/2)

GENERAL FORMULA DEDUCED FROM ZOTTER'S THEORY (2/2)



GENERAL FORMULA APPLIED TO THE SPS MKE KICKER

