B-filld of a toroid azrzb &B'o at = moind B 11 at B is constant for a given r B Soll = B. (2111r) inice = N·i i - current in a single . Loop B (211-) = MON.i B = MoNi N = # losps inside ( within the core )

QZrLb

For r>b no current

laprel number of positive 2 negative currents