Proposal of mapping induced current: Version-3

3 August, 2010 Taka Kondo (KEK)

Changes from version-2

(1) The definition of x is changed from $-40 \sim +40$ to $0 \sim +80$ microns.

(2) Induced current with 4 different mapping steps (1, 2.5, 5 and 7.5 microns) were generated.





Some remarks

- (1) X coordinate is defined now from 0 μ m to +80 μ m with a strip located in the middle.
- (2) Induced charge look-up tables for four different mapping steps (1, 2.5, 5 and 7.5 μ m) were generated.
 - 1 μ m : too slow to compile (due to large array?).
 - other three cases showed similar results.
- (3) Look-up tables and interpolation programs (v3) are available at http://atlas.kek.jp/si-soft/map/index.html