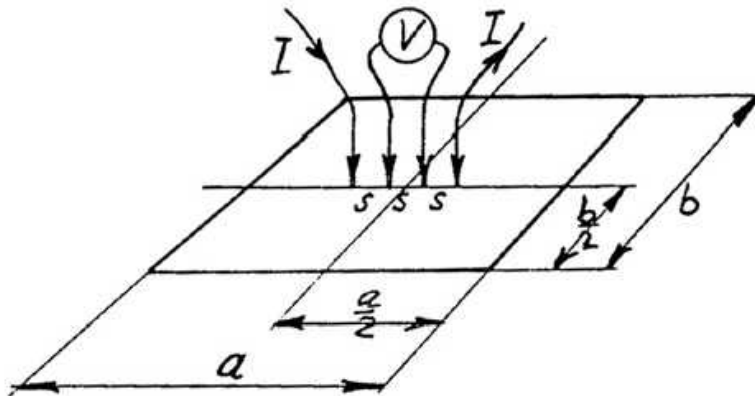K)   THIN, RECTANGULAR SLICE.

K.1) Rectangular Slice.

thickness $t < \frac{s}{2}$

This configuration has been treated by Smits (e). The resistivity is given by;

$$\rho = G \frac{V}{I} , \qquad\qquad G = \frac{\pi}{\ln 2} \cdot t \cdot \quad R_1(\frac{b}{s}, \frac{a}{b}) \qquad\qquad (25)$$

where

$\frac{\pi}{\ln 2} \cdot t = 4,5324 \cdot t$ is the geometric factor for an infinitely large slice of thickness $t \ll s$, and

$R_1(\frac{b}{s}, \frac{a}{b})$ is the additional correction to apply because of the finite, rectangular shape.

R_1 is tabulated at page 54   and shown at page 55. $\frac{\pi}{\ln 2} \cdot R_1$ is tabulated at page 56   and shown at page 57.