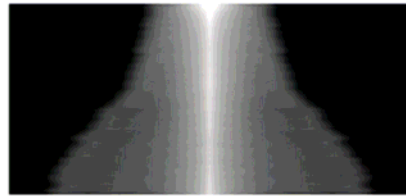


(a) Floating potential



(b) Electron density distribution ($Q_{Ar} = 0.17$ ml/s)

Fig.9 Floating potential and electron density distribution
(Anode : Copper, $P = 3$ Pa, $I = 100$ A, $L = 10$ mm).

Source:

Shinichiro SHOBAKO; Takayoshi OHJI

„Characteristics of Hollow Cathode Arc as a Welding Heat Source – Measurement of Electron Density by IR Method of Plasma Diagnostics“

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