

Post-Collision Interactions in the (e, e' Auger) Coincidence Spectra.

A. CAVALLI

Università Cattolica del Sacro Cuore, Dipartimento di Matematica - via Trieste, Brescia

L. AVALDI

*Istituto di Metodologie Avanzate Inorganiche del C.N.R., Area della Ricerca di Roma
CP-10 00016, Monterotondo, Roma*

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PACS 32.80.Hd – Auger effect and inner-shell ionization.

PACS 99.10 – Errata.

In eq. (2), p. 406, all the l should be 1:

$$(2) \quad P(\varepsilon) = |\alpha(\varepsilon)|^2 \propto \frac{\exp[2^{3/2} \text{Im}[\Phi(z^*)]]}{\left\{ \left(E_{ej} + \frac{\varepsilon}{C} \right)^2 + \frac{\Gamma^2}{4} \left(1 + \frac{1}{C} \right)^2 \right\}^{1/4} \left[\varepsilon^2 + \left(\frac{\Gamma}{2} \right)^2 \right]},$$

where

$$\Phi(z^*) = I\left(\varepsilon_l, E_{ej} + i\frac{\Gamma}{2}, 1\right) - I\left(z^*, E_{ej} + i\frac{\Gamma}{2}, 1\right) - I(\varepsilon_l, E_{ej} - \varepsilon, 1 + C) + I(z^*, E_{ej} - \varepsilon, 1 + C)$$

with

$$I(z, E, x) = \frac{(E + xz)^{1/2}}{z} - \frac{x}{zE^{1/2}} \ln \left[\frac{(E + xz)^{1/2} - E^{1/2}}{(E + xz)^{1/2} + E^{1/2}} \right],$$

$z^* = (\varepsilon + i\Gamma/2)/C$ is the point of stationary phase and

$$C = 1 - [E_{ej}/(E_{ej} + E_A - 2(E_{ej}E_A)^{1/2} \cos \theta)]^{1/2}.$$

In the tenth line on p. 407, the equation $e = 0$ should be $\varepsilon = 0$.

Figure 1 on p. 407 should be changed as follows:

